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Economic and Systematic Botany

TRADE MARK

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HASKELL Implement **CO.**
& Seed

Union Square, Lewiston, Maine

Boys' Sweet Corn Clubs

A plan for Boys' Sweet Corn Clubs in Maine has been worked out by the State Leader of Boys' Agricultural Clubs, and the Maine Cannery Association has offered \$2,525 for prizes to the boys in the State growing sweet corn for their canneries. Here is a chance for Maine boys to earn some money and to make a record yield for their State.

For further particulars regarding prizes, rules, etc., write State Leader of Boys' Agricultural Clubs, Orono, Me.

IMPORTANT.

Price and Terms. All prices stated in this catalogue are based on the present market and are subject to change without notice. We have purposely omitted prices on Grains and Grass Seeds because of the market fluctuations, as we believe it to be to the advantage of the purchaser, and we will gladly submit samples and lowest quotations on application.

Our Terms of payment are net cash.

Remittances. All moneys should be sent either by **P. O. Money Order, Bank Draft, Registered Letter or Express Money Order.**

We deliver all Vegetable and Flower Seeds when bought at the packet, ounce, $\frac{1}{4}$ -pound, $\frac{1}{2}$ -pound and 1-pound prices, but when seeds ordered are listed in pints and quarts, postage should be added at the rate of 5 cents per pint and 7 cents per quart. Each additional quart add 2 cents. In all other cases goods will be **SHIPPED F. O. B. LEWISTON**, and no charge for packing.

Bags will be charged as follows:—2-bushel bags 22 cents, $\frac{1}{2}$ -bushel bags 10 cents, peck bags 8 cents, $\frac{1}{2}$ -peck bags 5 cents.

Non-Warranty. While we do not give any warranty, either expressed or implied, as to the productiveness of our seeds, we buy only the best and purest and we carefully test all seeds before putting them on the market. If goods are not accepted on these terms they must be returned at once with all charges paid.

PARCEL POST INFORMATION ON PAGE 10

NOTE.—We would deem it a great favor if our customers, or those wishing to remain on our mailing list, thereby receiving our catalog, would inform us of change in address.

Special—**LUTHER BURBANK SEEDS**

SEE PAGE 33 FOR INFORMATION.

1916

Haskell Implement & Seed Co.

CATALOG

OF

CHOICE Farm, Garden and Flower SEEDS



also

Dairy and Poultry Supplies, Wooden Ware, Galvanized Ware,
Brooms, Brushes, Fencing, Garden Seeders and Cultivators,
Pumps and Suburban Water Systems, Spraying Out-
fits, Fertilizers, Chemicals, Paints, Oils, etc.



"THE FURROW"

If you will send us your name and address we will send you FREE for one year The Furrow. This is a paper published in the interest of better farming and contains much useful information on farming and soil culture, also valuable Household Hints for the housewife and a lot of entertaining reading for the younger members of the family.



HASKELL IMPLEMENT & SEED CO.

UNION SQUARE

LEWISTON, - MAINE

Choice Flower Seeds

GENERAL LIST

Postage Prepaid on all Flower Seeds in Packets at Prices Quoted.

SPECIAL INDUCEMENTS.

When the money accompanies the order, purchasers of Seeds in packets at catalogue prices may select 25 cents' worth extra packets for each \$1.00 sent. Thus anyone enclosing \$1.00 may order seeds in packets amounting to \$1.25. Two dollars sent to us with the order will pay for seeds in packets amounting to \$2.50, and so on. This offer does **not** include seeds in collections, by weight or measure; bulbs, plants, or anything excepting seeds in packets.

Plants are generally known and described as Annuals, Biennials, and Perennials. The term annual is applied to plants which flower and ripen their seeds the same season. Hardy annuals are those which may be sown in the open ground. Half hardy annuals are those which should be started in the house and transplanted to the garden. The term biennial is applied to plants which flower the second season after planting and then perish. The term perennial is applied to plants which flower the second season after planting, and continue to flower year after year.

ACROCLINIUM. (Everlasting) hA Pretty Everlasting Flower, fine for winter bouquets. The flowers should be gathered when young.
Double White Pkt., .05
Double Pink Pkt., .05

ADONIS. Showy, popular border flowers, remaining a long time in bloom.

Aestivalis. "Flos Adonis." Flowers scarlet. Hardy annual. 1 ft. Pkt., .05

AGERATUM. (Floss-Flower.) hA. Blossoms continually throughout the summer. Highly prized for bedding out, and valuable for winter blooming indoors.

Imperial Dwarf. Dark blue. 9 in.; good for edging. Pkt., .05

ALYSSUM. Very hardy, free blooming dwarf plants, all varieties growing freely in common soil. The pretty, fragrant flowers are much prized for bouquets; excellent for the summer garden.

Saxatile Compactum. Yellow flowers; fine for borders. Perennial. Pkt., .05

Little Gem. White. They grow but three or four inches in height, very compact, of spreading growth, each plant often forming a circle a foot in diameter. Pkt., .05



Alyssum

CHOICE FLOWER SEEDS—Continued

AMARANTHUS. Ornamental foliage, very striking and effective decorative plants. Sow early and set out young plants early in June. Annual.

Tricolor. Mixed.—Carmine scarlet, splendid variety. 4 to 5 ft. Pkt., .05

ANTIRRHINUM. (Snapdragon.) Beautiful, hardy, free blooming plants for summer and fall. Flowers the first year from seed as annuals and should be treated as such. Average height, 1½ feet.

Crimson Pkt., .05
White Pkt., .05
Finest Mixed Pkt., .05

ASTERS

(Half Hardy Annuals)
Tall Varieties.

American Branching. A free growing Aster of robust, erect habit, producing large, feathery blossoms resembling Japanese Chrysanthemums; one of the finest for cutting. Height 3 feet.

Crimson Pkt., .05
Dark Blue Pkt., .05
Lavender Pkt., .05
Rose Pkt., .05
White Pkt., .05
Finest Mixed Pkt., .05

Simple Branching. A superior and free flowering class. The flowers are large with graceful wavy petals on long stem. Excellent for cutting. Height 3 feet.

Crimson Pkt., .10
Lavender Pkt., .10
Pink Pkt., .10
Purple Pkt., .10
White Pkt., .10
Finest Mixed Pkt., .10

Giant Comet. Splendid class of pyramidal habit, with very large flowers.

Crimson Pkt., .10
Lavender Pkt., .10
Rose Pink Pkt., .10
Purple Pkt., .10
White Pkt., .10
Finest Mixed Pkt., .10

Peony Flowered Perfection. The finest form of incurved Aster, splendid for exhibition and popular for both florists' and private use. The plants are about two feet in height, with flowers usually four inches across, very double, and of fine globular form.

Dark Blue Pkt., .10
Lilac Pkt., .10
Blood Red Pkt., .10
Rose Pink Pkt., .10
White Pkt., .10
Finest Mixed Pkt., .10



White Branching Asters

ASTERS—Dwarf Varieties

Chrysanthemum

now White Pkt., .05
Dark Crimson Pkt., .05
Finest Mixed Pkt., .05

Queen of the Market. Early flowering aster, of branching habit, producing its flowers on long stalks; fine class for cutting and bunching.

Crimson Pkt., .05
Lavender Pkt., .05
Light Blue Pkt., .05
Light Pink Pkt., .05
Deep Red Pkt., .05
White Pkt., .05
Finest Mixed Pkt., .05

Victoria. Flowers large, very double, with the petals beautifully incurved. Cannot be excelled for bedding or exhibition. 2 feet.

Crimson Pkt., .10
Dark Blue Pkt., .10
Rose Pink Pkt., .10
White Pkt., .10
Finest Mixed Pkt., .10

China Finest Mixed Pkt., .05

ALL SORTS MIXED Pkt., .05 & .10

CHOICE FLOWER SEEDS—Continued

BALSAM. Beautiful plants for the summer garden. Of fine pyramidal form, thickly studded with large flowers of rich shades. They should be started early in heat and transplanted. We offer the finest strains in cultivation. Annuals.

Double Dwarf Mixed Pkt., .05

BELLIS *Perennis flore pleno*. Double Daisy. A favorite spring flowering perennial, producing charming effects when planted with Pansies, Forget-Me-Nots or Silene. They are easily raised from seed, flowering in autumn if sown in spring, although it is better to sow in July or August in cold frames and plant them out the following April.

Longfellow—Dark Rose Pkt., .05

Snowball—White Pkt., .05

Mixed Pkt., .05

California Daisy Pkt., .05

BROWALLIA. Elegant, free flowering, half-hardy annual for house or garden; growing about eighteen inches in height, with Verbena-like flowers; excellent for cutting. Seeds started in July will give fine plants for winter blooming in the greenhouse for which they are valuable. For summer blooming they may be sown under glass in March, or in the open ground in May.

Finest Mixed Pkt., .05

CALENDULA. Vigorous, hardy, free-flowing annuals, with large, flat, double, flowers; valuable for growing in light soils, or dry situations. They are useful as cut flowers, and are frequently grown under glass during winter for cutting. 1 foot.

Meteor. Double orange yellow striped with primrose. Pkt., .05

Prince of Orange Pkt., .05

Double Mixed Pkt., .05

CALLIOPSIS or *Coreopsis*, *Perennial Varieties*. These frequently bloom the first year from seed sown in the spring; it is most satisfactory, however, to sow in July or August, protecting the plants with coarse straw or pine boughs during the winter. They will flower profusely the following summer. Height, 2 feet. Mixed Pkt., .05

CANDYTUFT. Showy hardy annuals, growing about a foot in height. Excellent for bouquets.

Carmine Pkt., .05

Lilac Pkt., .05

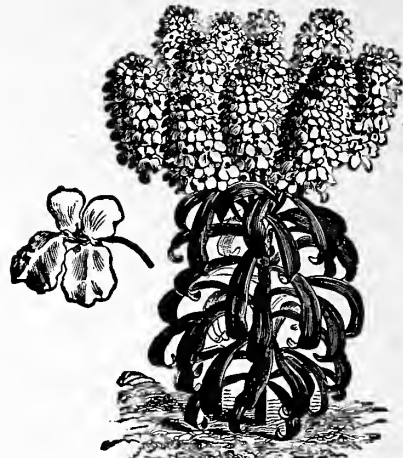
Empress White Pkt., .05

Mixed Pkt., .05

CANNA. *Indian Shot*. The luxuriant foliage and superb flower of the Cannas, especially of the new French and Italian races, easily places them foremost among our sub-tropical bedding plants.

Crozy's Newest Mixture Pkt., .05

Nigricans—Dark Red Foliage Pkt., .05



Candytuft

CARNATIONS—Marguerite.—The earliest of all Carnations, blooming in July or August if sown in spring and continuing till frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during winter and they will flower profusely the next summer, or they may be potted to bloom during the winter in the house. The flowers are large, about eighty per cent. usually coming double; beautifully fringed and clover scented.

Carnations Marguerite

Giant White Pkt., .10

Giant Rose Pkt., .10

Giant Red Pkt., .10

Giant Yellow Pkt., .10

Giant Mixed Pkt., .10

CELOSIA, or Coxcomb. Showy annuals of easy cultivation; producing large, brilliant, comb-like flower heads. They prefer a light soil, and should not be allowed to become crowded if a dwarf habit is desired.

Tall Mixed Pkt., .05



Centaurea Cyanus

CHOICE FLOWER SEEDS—Continued

CENTAUREA. Flowering Annuals. Imperials.—Giant Corn Flower. The flowers are of enormous size; fragrant, and of the most charming colors, including white, pink, lilac, rose, and purple. They are among our best summer flowers for cutting.

Marguerite—White Pkt., .05
Cyanus—Bachelor's Button, mixed Pkt., .05

CHRYSANTHEMUM (Annual Varieties.)

Showy, hardy annuals of easiest cultivation and blooming early in summer. They are most desirable for seashore and mountain gardens. Height 2 feet.

Double Yellow Pkt., .05
Double White Pkt., .05
Double Mixed Pkt., .05

COBOEA SCANDENS. A fine, rapid growing climber with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful, deep violet-blue. A well established plant will run about thirty feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial. Pkt., .05

COLEUS. Splendid bedding plants, with beautifully colored and handsomely marked foliage. They are easily raised from seed if kept in a warm temperature. Tender perennials.

Hybrid Mixed Pkt., .25

CONVOLVULUS MAJOR—Tall Morning Glory.

Finest Mixed Pkt., .05

CONVOLVULUS MINOR—Dwarf Morning Glory.

Finest Mixed Pkt., .05

Japanese Morning Glory Pkt., .05

COSMOS. This is one of our most useful and beautiful autumn flowers. To get it in bloom early, the seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.

Finest Mixed Pkt., .05



Cosmos

CYPRESS VINE. Ipomoea Quamoclit. Very graceful twining annuals with feathery dark green foliage and star like flowers. Twenty feet.

Scarlet Pkt., .05

DAHLIA. The popular flower can be easily raised from seed and flowered the same season. The roots should be placed in dry sand and kept in a cellar where there is no frost during the winter.

Hybrida Pleno Fine Double Mixed Pkt., .10
Single Mixed Pkt., .05



Chinese Pinks

DIANTHUS. Chinensis fl. pl. hP. Double Chinese Pinks. Finest Mixed Pkt., .05
Heddewigii. (Japan Pinks) hB. Single First-class selected. Mixed Pkt., .05

DOLICHOS LABLAB. (Hyacinth Bean.) Purple. 10 feet. Pkt., .05

ESCHSCHOLTZIA. California Poppy. The bright colors, long duration and dwarf habit of these free-blooming hardy annuals, admirably adapt them for massing and border planting. Height 1 foot.

California—Yellow, orange center Pkt., .05
California Alba—White Pkt., .05
Mixed Pkt., .05

GOURDS. Luxuriant, climbing annuals, useful in covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colors. 10 to 15 feet.

Mixed Pkt., .05

GYPSOPHILA. Infant's Breath. Free flowering, hardy plants; extremely light and graceful, easy of cultivation, and most useful for bouquet and cut-flower work. Height 18 inches.

Mixed Pkt., .05

CHOICE FLOWER SEEDS—Continued

HELIANTHUS. Sunflower. The large varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet *Salvia*, *Cannas* and other tall bedding plants, besides being excellent for cutting. Hardy annuals.

DIADEM (New). Flowers beautiful light lemon with black center; of the greatest value for cut flowers. Pkt., .05
Double Mixed Pkt., .05



Helianthus

HELICHRYSUM. Everlasting Flower. Showy annuals for beds or borders; useful as dried flowers for winter bouquets, for which use the blooms should be cut before they are fully open, and hung up to dry with the flowers downward if stiff stems are desired. Height 2 feet.

Double Mixed Pkt., .05



Heliotrope

HELIOTROPE. Delightfully fragrant greenhouse perennial; excellent for bedding or indoor cultivation and particularly useful for cutting.

GIANT. Newest large flowering varieties mixed. Pkt., .10

HOLLYHOCK. This ever popular hardy favorite of our gardens has few rivals in majestic grandeur. Hollyhocks succeed best in rich, well-drained soil. They should be lightly protected during winter with pine boughs, coarse straw or other mulch not liable to rot.

Seeds sown in July produce fine plants for blooming the following summer. Hardy biennials. 6 to 8 feet.

Chaters Strain. Double finest mixed Pkt., .10

HUMULUS JAPONICA. Japanese Hop. Splendid annual climber of fast growth and very ornamental. 12 ft. Pkt., .05

KOCHIA TRICHOPHILA. (Standing or Summer Cypress.) Splendid ornamental annual of unusual quick growth, forming regular pyramids of about 3 ft. in height. The slender-leaved plants are of a cypress-like appearance during the summer, changing their light-green foliage to carmine and blood-red colorings. The plant also called "Burning Bush," is of great value when planted singly or in groups, as well as for pot culture. 3 ft. Pkt., .05

LARKSPUR. Splendid hardy annuals with showy flowers borne on long spikes; white, lilac, and all shades of blue; excellent for cutting. Height 18 inches.

Double Tall. Branching or stock flower mixed. Pkt., .05

LAVENDER. Ornamental hardy perennial, bearing long spikes of very fragrant blue flowers. 18 inches. Pkt., .05

LOBELIA. The *Erinus* varieties are most valuable for edgings, hanging baskets and vases, blooming profusely from June till frost. *Lobelia Cardinalis* and its varieties are among the most brilliant autumn flowering perennials.

Crystal Palace Compacta. The darkest blue Pkt., .05

Finest Mixed Pkt., .05

MARIGOLD. *Tagetes.* These handsome half-hardy annuals when well grown cannot be surpassed either in mixed borders or when grouped together. They succeed best in moderately rich soil and in open situations, and are strongly recommended where a gorgeous display in the autumn is an essential feature.

African—Double tall yellow Pkt., .05

African—Double tall mixed Pkt., .05

French—Double tall mixed Pkt., .05



Mignonette

CHOICE FLOWER SEEDS—Continued



Forget-me-not.

MYOSOTIS—Forget-Me-Not. Dwarf, half-hardy perennials, bearing a profusion of little, star-shaped flowers. They thrive best in rather moist, shady situations. Most of them will bloom the first year from seed if sown early. If sown in July or August in shaded frames, fine plants will be obtained for spring blooming. They are very beautiful when planted in combination with late spring bulbs, Daisies, Arabis or Golden Alyssum.

Palustris—True Forget-Me-Not. Dark blue, very beautiful; profuse flowering. Pkt., .05

MIGONETTE. Reseda Odorata. The most fragrant annual, prized as much for forcing in winter as for the summer garden. The seed should be sown early and the plants as they grow, thinned sufficiently to allow them to branch. The beds should be liberally watered during dry weather.

Parson's White Pkt., .05
Machet, Red Pkt., .05
Bird's Mammoth Mixed Pkt., .05

NICOTIANA Affinis—Annual.

Colossea—Magnificent foliage plant, the young leaves at first tinted with red. It soon attains a height of five or six feet, with leaves often two feet in length, and a foot in width. Excellent for foliage beds. Pkt., .10

Sylvestris. A splendid new variety with glaucous leaves and large pendants, pure white, tube-shaped flowers; a very stately plant. Pkt., .05

PAPAYER, or Poppy. Annual varieties, showy hardy annual of easiest cultivation and embracing many rich and beautiful colors. The seed should be sown early in spring where intended to bloom.

Shirley—Finest mixed. A most charming race of single Poppies with shining flowers of silky texture, varying in color from pure white and delicate pink to rosy carmine and deep crimson; many of them being beautifully striped and edged with white. The blooms

if cut when young will keep in water for two or three days. Height 2 ft. Pkt., .05
Double Carnation Mixed Pkt., .05
Oriental Deep Crimson Pkt., .05
White Swan Pkt., .05

NASTURTIUMS—Dwarf Varieties.

Tom Thumb, or Dwarf. These hardy annuals are of easiest cultivation; succeeding best in rather light soil, withstanding heat and drought and flowering profusely from June or July until cut down by severe frost, usually well into November. The dark leaved varieties are particularly adapted for ribbon beds and borders, the brilliant flowers contrasting admirably with the bronzy red foliage. Height, 1 foot.

Finest Mixed. Our special mixture of the finest sorts, in great variety of color.

Pkt., .05; oz., 10; ¼ lb., .30



Nasturtium

NASTURTIUMS—Tall or Climbing.

Pkt., .05; oz., 10; ¼ lb., .30

PHLOX DRUMMONDI. This is one of the finest annuals, being hardy, easy of cultivation and making as a summer bedding plant an effective and brilliant display. The flowers are of long duration and of most gorgeous and varied colors. Height 1 foot.

Finest Mixed—Splendid colors Pkt., .05

Grandiflora, Finest Mixed. The flowers are of large size, finely rounded form, and with well defined eyes. The colors are superb.

Pkt., .10

CHOICE FLOWER SEEDS—Continued



Petunia

PETUNIA. The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost and is one of the most showy and free-growing annuals. Height 12 to 15 inches.

Single Flowering Petunias

Hybrida—Finest Mixed Pkt., .10

Fimbriata—Fringed, Single Mixed Pkt., .15

Double Flowering Petunias

Double Fringed—Extra Large Pkt., .20

FORTULACA. Charming dwarf annuals for sunny situations or light soils, producing flowers of most brilliant colors in great profusion. Height, 6 inches.

Grandiflora Plenissima—Double Mixed

Pkt., .05

Grandiflora—Fine Single Mixed Pkt., .05

RHODANTHE. Half-hardy annuals with "Everlasting" flowers. They are beautiful for the open garden, or grown in pots for the conservatory. If required for winter use, as dried flowers, they should be cut before they are fully expanded. Height, 1 foot.

White Pkt., .05

Mixed Pkt., .05

RICINUS. Castor Oil Plant. Tender annuals of rapid and gigantic growth, producing enormous dark green or bronze-colored palmate leaves; excellent for sub-tropical beds, or for massive foliage effects on lawns or backgrounds.

Zanzibariensis. Mixed. A new and distinct race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red. Height, 15 feet.

Pkt., .05

PANSIES

Pansy, or Heartease. Too much importance cannot be attached to the culture of these beautiful plants, flowering as they do in great abundance for several months. When sown in the early spring a good display in most cases can be had in the following fall. but the best results are not obtained by so doing. To obtain fine blooms it is better to sow during summer and transplant the seedling in cold frames in September, protecting during the winter with mats or shutters. Pansies delight in a cool, moist, well-rained soil, enriched with decomposed barnyard manure. They should never be allowed to suffer for want of water.

Giant Blue Pkt., .10
Giant Black Pkt., .10
Giant Purple Pkt., .10
Giant Yellow Pkt., .10

Giant White Pkt., .10
Giant Mixed Pkt., .10
Mixed Pkt., .05
Giant Fringed Mixed Pkt., .10



PANSIES

CHOICE FLOWER SEEDS—Continued



Sweet Peas

SWEET PEAS

Our Sweet Peas are unsurpassed in selection, purity and vitality. Seed should be sown in new ground as early as it can be worked in spring. The vines should be thoroughly established before the hot weather sets in. White-seeded sorts should be sown a little later, when the ground is warm.

Haskell's Peerless Mixture. We invite comparison of our mixture with any and all others, no matter under what name or at how high a price offered, and are certain a trial will demonstrate the superiority of our Peerless Mixture.

Prices on Haskell's Peerless Mixture:

Pkt., .05; oz., .10; ¼ lb., .25; ½ lb., .45; lb., .80.

Prices on all Separate Colors:

Pkt., .05; oz., .10; ¼ lb., .35; ½ lb., .65; lb., \$1.25.

Blue and Purple

Captain of the Blues. Standard light maroon; wings light purple.

Navy Blue. Deep violet blue.

Variegated

Aurora. Flaked orange salmon; largest striped.

American. The brightest blood red striped.

Daybreak. Crimson scarlet on white ground.

Gray Friar. Beautiful watered purple on white ground.

Helen Pierce. Blue mottled on pure white.

Mrs. Joseph Chamberlain. Rose and white striped.

Princess of Wales. Striped mauve on white ground.

Lavender and Mauve

Countess of Radnor. Pale mauve standards, wings pale lilac, very fine.

Dorothy Tennant. Deep rosy mauve; beautiful.

Emily Eckford. Standard reddish mauve, wings blue.

White

Blanche Purpee. Pure white of superior substance, flowers large and finely formed.

Emily Henderson. A new pure white, largest of all and an excellent sort.

Sadie Burpee. White seed. Very large. Pure white.

Dorothy Eckford. Pure white.

Light Yellow

Mrs. Eckford. Delicate shade of primrose yellow.

Primrose. Color pale primrose approaching yellow.

Shades of Pink

Lovely. Large pink standard, delicate rose wings.

Hon. F. Bouverie. Standard flesh-pink, wings rosy buff.

Sybil Eckford. Pink and buff.

Prima Donna. Lovely pale pink. One of the finest.

Katherine Tracy. Soft but brilliant pink.

Gladys Unwin. Large, light pink.

Blanche Ferry. The popular pink and white.

Her Majesty. Beautiful rose color.

Painted Lady. Old popular pink and white, fiery shade.

Shades of Red

Red Riding Hood. Rosy pink, very fragrant.

Brilliant. Bright scarlet, fine form.

Firefly. Deep brilliant scarlet; truly a fiery shade.

White and Blue

Maid of Honor. White edged with blue.

Lottie Eckford. White, suffused with lavender.

Claret and Maroon

Boreatton. Very dark maroon self-colored.

Captivation. Beautiful claret color.

Waverly. Standards rosy claret, wings shaded blue.

CHOICE FLOWER SEEDS—Continued

SALPIGLOSSIS. Half-hardy annuals; elegant late summer flowering plants of great diversity in color; beautifully penciled in rich tints of yellow, purple and brownish red. Of easy culture.

Grandiflora—Finest Mixed Pkt., .05

SALVIA. Flowering Sage. Very ornamental; flowers borne in spikes of fiery red, crimson or blue, and continue in bloom in open ground until after severe frosts. Start in heat and transplant into light soil one to two feet apart. Tender perennials, but bloom the first season. Height, 2 ft to 3 ft.

Splendens—Brilliant scarlet Pkt., .10

Cocinea—Mixed Pkt., .05

STOCK—Gilliflower. The charming colors, delightful fragrance and free-blooming character of the Stocks have made them favorite plants for both summer and winter cultivation. They are very effective for beds and borders, and their handsome spikes are invaluable for bouquets and floral decorations.

Large-Flowering, Double Ten-Week Varieties. Highest grade, pot-grown seed. The best variety for early summer blooming, producing massive pyramidal flower spikes of brilliant colors and delightful fragrance. Height, 1 foot.

Lavender Pkt., .10

Pink Pkt., .10

White Pkt., .10

Finest Mixed Pkt., .10

SWEET WILLIAM. *Dianthus Barbatus.* Showy hardy biennials of easiest culture; admirable for clumps among shrubs or borders. Height, 18 inches.

Hunt's Perfection Mixed Pkt., .05

VIRGINIA CREEPER (or American Woodbine). Though a common native climber, this

is one of the best plants for covering unsightly objects, or it may be easily trained into festoons of exceeding grace and beauty.

Pkt., .05

VERBENA. The Verbena is one of the most decorative and easily grown bedding plants. If started in heat in March the seedlings begin to bloom in June and continue until frost. Plants raised from seeds are stronger and flower more freely than those grown from cuttings. Half-hardy perennials. Height, 1 foot.

Hybrida—Fine mixed Pkt., .05

Hybrida—Mammoth mixed Pkt., .10

Hybrida—Extra selected, dark blue Pkt., .10

Hybrida—Candissima, white Pkt., .10

WILD CUCUMBER. Hardy, vigorous climber, with very pretty seed-pods, large seeds; to be sown in the open ground in autumn. 20 ft.

Pkt., .05

XERANTHEMUM. Profuse blooming hardy annuals with "Everlasting" flowers; useful for winter bouquets; colors pure white and deep purple. Height, 18 inches.

Finest Double Mixed Pkt., .05

ZINNIA. The double flowering Zinnias, (*Zinnia elegans* fl. pl.), are among the finest annuals, blooming from July till frost. The flowers are large, handsome, and in a variety of colors. Of easy cultivation in common garden soil. Seed should be started in heat and transplanted. Our seed of these beautiful flowers is saved from the finest collection in Germany.

Single Mixed Pkt., .05

Double Mixed Pkt., .05

MIXED FLOWER SEEDS FOR WILD GARDENS.—A splendid mixture of more than one hundred kinds of flower seeds at a low price.

Pkt., .05

PARCEL POST INFORMATION

Parcel Post rates now apply to all seeds, bulbs and plants and are subject to the same rates as all other merchandise, 1st and 2nd Zone includes all places within a distance of 150 miles of Lewiston.

RATES OF POSTAGE FOR 4th CLASS MERCHANDISE

Zone Distances	Zones	First Pound	Each Additional Pound
Lewiston and Rural Delivery,		\$.05	\$.00½ up to 50 Lbs.
Within 150 Miles,	1st & 2nd	.05	.01 up to 50 Lbs.
150 to 300 Miles,	3rd	.07	.05 up to 20 Lbs.
300 to 600 Miles,	4th	.08	.06 up to 20 Lbs.
600 to 1000 Miles,	5th	.09	.07 up to 20 Lbs.
1000 to 1400 Miles,	6th	.10	.09 up to 20 Lbs.
1400 to 1800 Miles,	7th	.11	.10 up to 20 Lbs.
*1800 Miles and over,	8th	.12	.12 up to 20 Lbs.

*Includes non-contiguous possessions.

SUPERIOR VEGETABLE SEEDS



ASPARAGUS

German,—Gpargel. French,—Asperge.
Spanish,—Esparragos.

One ounce for 60 feet of drill.

A convenient bed is about six feet wide, with a path two feet wide on each side. This will require six rows one foot apart, and a bed of that width 50 feet long will be ample for an ordinary family, requiring about one pound of seed. It will require about three years from the time of sowing until the bed is in full bearing, but once established, it is good for twenty years. It should be sown in drills one foot apart, and when the



plants are four or five inches high they should be thinned out so that the plants will be nine inches apart from each other in all the rows. Great care must be taken for the first year to keep down all weeds as soon as they appear, else they will choke and destroy the young seedling Asparagus. The deeper the soil and the more manure used, the greater will be the crop.

Conover's Colossal. The best known, and one of the most desirable sorts.

Pkt., .05; oz., .10; ¼ lb., .20; lb., .50

Palmetto. Shoots are very large and light green, also tender and very desirable for the market and home garden. Very quick in growth, with close, round-topped shoots.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

ASPARAGUS ROOTS

A saving of one to two years is effected by planting roots. These offered below are strong, two-year-old roots, and the proper size for testing. These roots are not carried in stock but will be shipped direct from the growers. Prices on the following varieties will be quoted on application.

Columbia, Mammoth White, Conover's Colossal, Barr's Mammoth and Palmetto.

When in the city make our store your headquarters. Always glad to have strangers and others call and examine our Farm Implements. We carry the largest and most complete stock of any concern in New England.

Send for Special Catalogue on any kind of an implement you may be interested in.

We give no warranty, expressed or implied, but we buy our Seeds from reputable Seedsmen and we carefully test them before putting on the market. Goods not accepted on these terms must be returned at once, prepaid.

BEANS**Dwarf or Bush**

German,—Bohnen.

French,—Haricot.

Spanish,—Frijole nano.

One quart to 100 feet in drills or 150 hills;
two bushels to the acre in drills.

A succession of sowing can be made from the first week in May until August. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The seeds should be dropped about two inches apart.

Add .03 per pkg.; .05 per pt.; .07 per qt., each additional quart add .02 if to be sent by mail.

Packets of all varieties, 5c each.

While we are not issuing a General Implement Catalog this year we are carrying the same high grade lines as formerly and are always pleased to show same or to send special catalog on request.

Everything in spraying materials or machinery.

Wax Pod or Butter Varieties

of beans are almost a total failure this year. In fact, a number of the growers are not getting enough for seed to plant.

The Green Pod varieties are also very scarce and some of them are a complete failure.

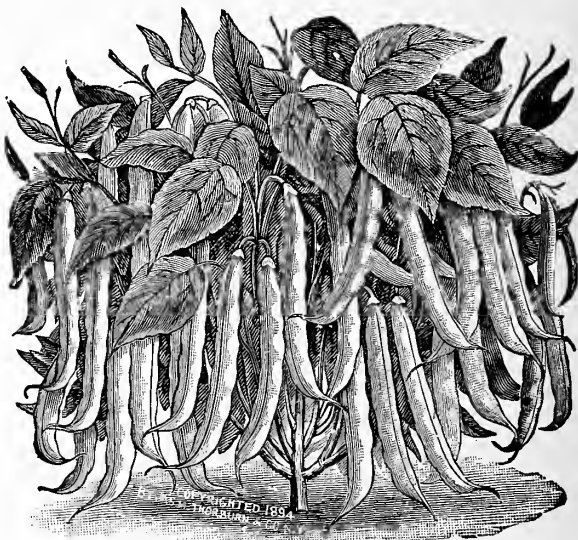
Davis White Kidney Wax. Pods remarkably long, straight, and handsome, waxy white color; enormously productive; seed white. **Crop failed.**

Black German Wax. (Black Seed.) Very early; round, yellow pods; a well-known standard sort. **Crop failure.**

Currie's Rust-proof Wax. Pods long, flat and straight, very productive and rust-proof; black seed. **Crop failure.**

Wardwell's Dwarf Kidney Wax Bean. Hardy and productive, pods long, broad, flat and of a delicate waxy yellow, brittle and entirely stringless. The yield considerably exceeds that of the Common Golden Wax and is equally early. **Crop failure.**

Improved Golden Wax. Rust proof. An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust proof. **Pt., .25; qt., 50.**

Green Pod Varieties

Stringless Green Pod. The pods are green, not quite so round as Valentine and less curved. The pods are stringless—absolutely—this quality at once placing the variety at the top of the list among table beans.

Pt., .25; qt., .45; pk., \$3.00

Long Yellow Six Weeks. Pods are long, flat, straight, green. **Pt., .25; qt., 45.**

Early Bountiful. Of thrifty growth and very hardy. The stringless and tender flat green pods are produced very early in the season and the bush continues in bearing for a long time. It is practically a stringless Early Yellow Six Weeks.

Pt., .20; qt., .35; pk., \$1.75.

BEANS—Continued

Low's Champion. Very productive, with stringless, large green flat pods. Excellent either as a string or shell bean.

Pt., .15; qt., .25; pk., \$1.75.

Dwarf Horticultural. The best shell bean for fine quality.

Old-fashioned Yellow-eye Bean. An excellent field bean and much preferred to the Improved Yellow-eye as a baking bean.

Pt., .15; qt., .25; pk., \$1.75.

Improved Yellow-eye Bean. An excellent field bean and very productive.

Pt., .15; qt., .25; pk., \$1.75.

Red Kidney Bean. An easily raised bean and very productive. Also greatly prized by many for baking. Pt., .15; qt., .25; pk., \$1.75.

LIMA

Purpee's Bush Lima. The only Bush form of the true large Lima. Bushes grow to eighteen inches in height and always erect.

Pt., .20; qt., .35; pk., \$2.25.

Pole or Running

German—Stangen Bohnen.

Spanish—Judias.

French—Haricot a Rames.

One quart to 150 hills; 10 to 12 quarts to the acre in drills.

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sand loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep. As the matured bean is used mostly, the season is too short for succession of crops in the North, though it is advantageous to plant succession crops in the Southern states, where the season of growth is often from March to November. Rough cedar or similar poles about seven or eight feet long should be used for Lima Beans to climb on. They should be set in the ground at least eighteen inches, so as to prevent being blown over.

Add .05 per pt.; .07 per qt., each additional quart add .02 if to be sent by mail.

German Black Wax, or Indian Chief. A superb snap bean; pods yellow and stringless.

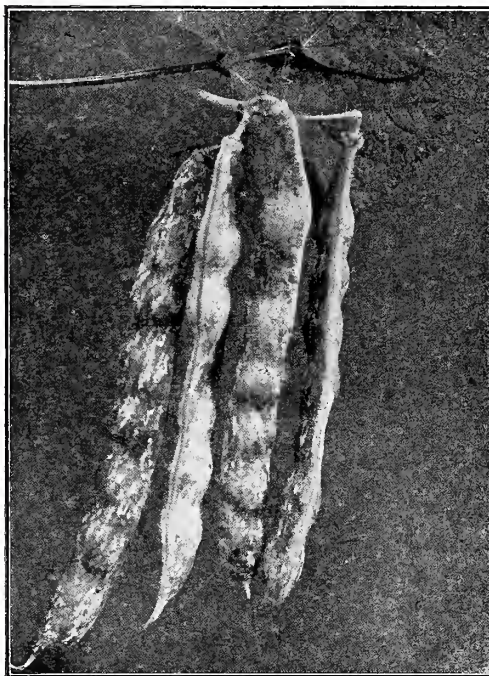
Pt., .20; qt., .40; pk., \$2.00.

Scarlet Runners. Usually cultivated for the beauty of its scarlet flowers.

Pkt., .10; ½ pt., .15.

Our Implements are worth looking over. We extend a cordial invitation to call and examine them. Be sure and ask to see the New Columbia Garden Seeder.

Horticultural or Cranberry. Showy and excellent, either as a snap or shell bean, or for cooking when dry. Pt., .20; qt., .30; pk., \$1.50.



King Horticultural. Pods bright carmine color; both beans and pods are much larger than the common kind.

Pt., .20; qt., .30; pk., \$1.75.

Kentucky Wonder. An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown; entirely stringless.

Pt., .20; qt., .30; pk., \$1.75.

Lazy Wife. One of the best of the later green-podded pole beans for snaps. The pods borne in large clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white.

Pt., .20; qt., .30; pk., \$1.75.

Red Cranberry Pole. A popular string or snap bean; very productive with large and tender pod.

Pt., .20; qt., .30; pk., \$2.00.

Lima, Early Jersey. One of the earliest.

Pt., .20; qt., .35; pk., \$2.25.

BEET

German,—Runtel Rube.

French,—Betterave.

Spanish,—Beteraga.

A rather light soil, well enriched, is best suited to the cultivation of the various beets. The mangels and sugar beets in particular, require very liberal manuring. For an early crop of table beets, sow the seed as early as the ground is in condition to work; light frosts will not injure the young plants. For a main crop, sow the first of May; and for winter beets, the last of June. Sow in drills, 12 to 15 inches apart, and about one inch deep, pressing the earth firmly upon the seed, —a very important matter. Use about six pounds of seed per acre. Thin out when the plants are large enough. The varieties for table use should be left three or four inches apart.

Crosby's Egyptian. This variety is as early as the original Egyptian, but by careful selection has been made thicker and of better quality. Pkt., .05; oz., .10; ¼ lb., .25; lb., .90

Detroit Dark Red Turnip. An excellent beet for bunching for market; tops exceptionally small and upright; roots turnip shaped with small tap root. Color of skin dark blood red; flesh bright red. Quality is of the best, sweet and tender. One of the best varieties for the market gardener and the home garden. Pkt., .05; oz., .10; ¼ lb., .25; lb., .85.

Dewing's Early. Of deep red color, smooth and of fine form. One of the leading varieties, both for market and for family use.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .85

Early Eclipse. Very early, dark-red color, small top, and free from fibrous roots.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .85

Edmand's. This variety is thoroughly fixed and uniform in type. The flesh is deep blood red in color, and exceedingly sweet and tender. It is round, smooth, of good market size, and does not grow over-large.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .85

Dirigo Extra Early. A rich, blood-red beet of fine grain and flavor and is earlier than either the Egyptian or the Eclipse.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .85

Haskell's Special Blood Turnip. We have a very fine strain of Blood Turnip Beet, of the Edmand's type. Very deep red fleshed, so much in demand in all markets.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .85

Swiss Chard or Silver Sea Kale. Used as greens and the ribs of leaves cooked and served as asparagus.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .85

MANGEL-WURTZEL AND SUGAR BEETS

Sow in April or May, using eight to twelve pounds to the acre.

Price of all varieties except the Sludstrup and Eckendorf: Oz., .10; ¼ lb., .15; lb., .40



Mangel Danish Sludstrup. Long, Reddish Yellow. Grows well above the ground and easy to pull. More percentage of dry matter than in any known Mangel. Very heavy cropper. Considered by the Danish people the best Mangel in the world.

Price, Ounce, .10; quarter pound, .20; pound, .60.

Red Giant Eckendorf. Of cylindrical form and grown mostly above the surface. Has been known to yield as high as 58 tons to the acre.

Price, Ounce, .10; quarter pound, .20; pound, .50.

Lane's White Sugar. One of the best for feeding stock. Very sweet.

Mangel-Wurzel, Norbiton Giant. A mammoth, long-red variety, enormously productive, and keeps well; good for deep soils.

The Columbia Garden Seeder is without doubt the most economical seeder on the market. Call and examine same, or send for Special Catalog.

BEETS—Continued

Mangel-Wurzel, Golden Tankard. Flesh a deep, rich yellow; very sweet and nutritious. Half long in shape. A very heavy cropper.

Improved Mammoth Long Red. An improvement on the old variety. The roots are very large, uniformly straight and well formed; proportionately thicker, and are deeper colored than the common sort, and with smaller tops.

BRUSSELS SPROUTS

(Species of Cabbage; cultivation the same)

German,—Rofen-Kohl.

French,—Chou de Bruxelles.

Spanish,—Berza de Brussels.

One ounce will sow a bed of forty square feet, and produce about 3,000 plants.

This is a delicious vegetable, superior to either borecole or spinach. The small, cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hotbeds in March or April, and in the open ground in May. Cultivate same as broccoli.

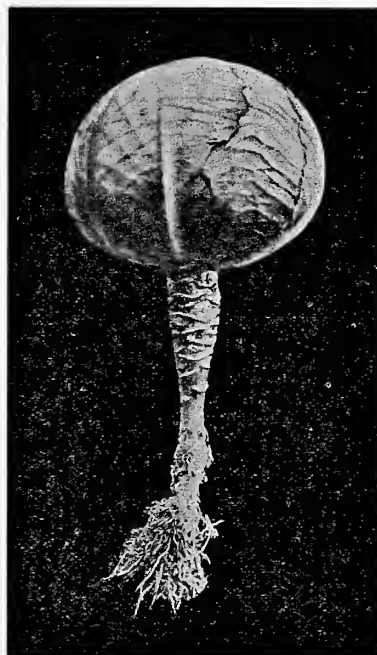
Dwarf Improved. Produces excellent, compact sprouts; very sure cropper. Pkt., .05; oz., .20; ¼ lb., .60.

CABBAGE

German,—Kopf-Kohl. French,—Chou Pomme. Spanish,—Berza.

One ounce of seed produces about 3,000 plants.

Early varieties are grown from seed sown in hotbeds in February or March, only moderate bottom heat being required. Transplant into other frames without much, if any, bottom heat, as soon as the plants show the fourth leaf. In April, or as soon as the ground can be easily worked, set out in rows three feet apart, and about eighteen inches between the plants. The ground should be thoroughly stirred with cultivator and hoed every week till the plants cover the ground. For a fall crop, sow in the open ground in May, in hills the proper distance apart, using a liberal quantity of manure in the hill, besides that which is plowed in; thin out to one good plant in each hill. In the same way crops may be sown to lay in for the winter use, planting seed as late as July 1. Seeds can also be sown in shallow drills when the plants are large enough, can be transplanted, setting the plants in rows three feet apart and two feet apart in the row. If the young plants are troubled with the cabbage fly, sprinkle them with tobacco dust, air-slaked lime, slugshot or wood ashes, while the dew is on them. To keep off the cabbage worm, sprinkle with Dalmatian insect powder or slugshot.



Danish Ball Head

The wide and unfailing popularity of the Danish Ball Head cabbage is simply wonderful. It seems to adapt itself to all soils and conditions.

The leading characteristics of Danish Ball Head cabbage are: First, that it is a sure header; second, that it is of unapproachable solidity and weight; third, that it is an extra good keeper; and fourth, that it is a good seller.

It is a medium to late cabbage, but is generally grown as a late crop. It is sure to head, the heads being round, hard and extremely heavy, though not extra large. It can be grown in close quarters, on account of its compact habit. Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50.

All Seasons. An early Drumhead, sure heading, solid variety. Desirable for early or fall use. Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00.

Charleston Wakefield. Grows to a much larger size than the Jersey Wakefield. Very productive and a good shipping variety.

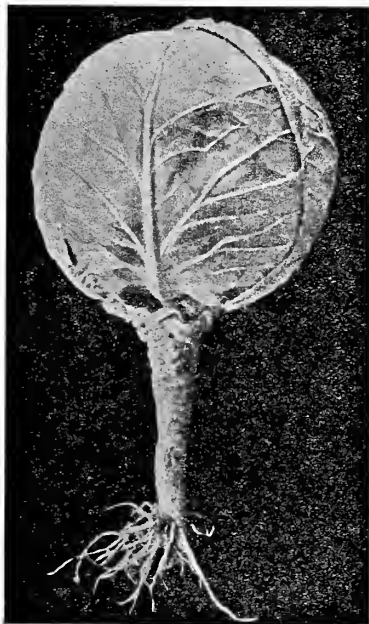
Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50.

Mammoth Rock Red. The largest heading of any of the red sorts, of deep rich color, and excellent quality. Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50.

Sure Head. A fine variety for main crop. A good shipper and sure header. Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00.

Marblehead Mammoth. The largest heading cabbage of them all. Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00.

CABBAGE—Continued



Danish Summer Ball Head

Danish Summer Ball Head, extra. The heads of this cabbage are of a splendid shape and ready early in the season. It is very early, very large, very firm and heavy.

Pkt., .05; oz., .30; ¼ lb., .90; 1 lb., \$3.00

Danish Roundhead Short-stemmed. This cabbage is recommended as the best ever offered. It embodies all the good qualities which growers ever worked up in cabbage, is large, hardy and splendid keeper.

Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

Warren's Stone Mason. An improvement on the Stone Mason Drumhead; heads rounder, firmer and earlier; is an extra good keeper. Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

Savoy Improved American. The finest flavored of all the cabbage family, large and solid. Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00.

Early Winningstadt. An early variety of excellent quality, not as early as the Wakefield. Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00

Henderson's Early Summer. A standard summer variety. We have the true stock.

Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00

Fottliers Early Brunswick. An early fall variety well known and popular. Pkt., .05; oz., .20; ¼ lb., .60; lb., \$2.00.

Early Jersey Wakefield. A standard early variety for home use or market. Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50.

Red Dutch. For Pickling or for salads.

Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

Succession. A sure-headed, long-keeping

variety, very similar to All Seasons, but maturing a little later. Heads deep and very firm. Pkt., .05; oz., .20; ¼ lb., .60.

Enkhuizen Glory. A new Holland cabbage which originated at a large seed farm at Enkhuizen, Holland. It is an early cabbage, but still of large size; solid and of the best quality. It is one of the largest early cabbages we have seen, and may be set out as late as the last of July or first of August in this latitude, and will make large, fine heads for late fall or winter use. The great merit of this cabbage lies in the perfect uniformity of its growth. The plants are compact, and have few outside leaves, and can be planted close together, and will produce very large crop. Pkt., .05; oz., .25; ¼ lb., .90

CARROT

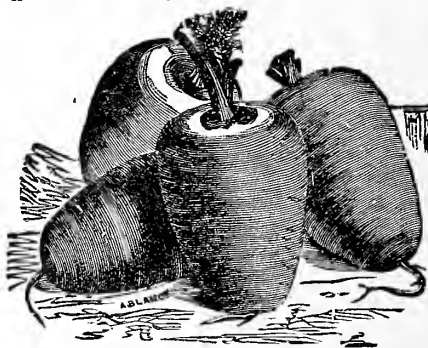
German,—Rohre.

French,—Carrotte.

Spanish,—Zanahoria.

One ounce will sow 100 feet of drill; 3 pounds required for an acre.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well-enriched sandy loam is the best for this crop. For field culture, sow in drills 2½ feet apart, so as to cultivate by horse. Market gardeners sow in drills about 15 inches apart, and cultivate by hand. For early crops cover ½ inch deep, and thin to 6 inches apart in the rows; for late, cover ¾ inch deep, and thin to 4 inches.



Oxheart Carrot

Danvers Half-Long. One of the heaviest croppers; roots dark orange color 8 to 10 inches in length, thick, and ending in a somewhat abrupt point; first class for all soils. Pkt., .05; oz., .10; ¼ lb., .30.

Oxheart, or Guerande. Roots short and very thick, and intermediate between Scarlet Horn and Chantenay; color deep orange; fine grained. Pkt., .05; oz., .10; ¼ lb., .30.

Large White Belgian. Roots very large and smooth; grown exclusively for stock feeding. Grained.

Pkt., .05; oz., .10; ¼ lb., .25.

Improved Long Orange. The best known and most largely cultivated of any Carrot; excellent for stock or table use. Roots deep orange, 12 to 15 inches long.

Pkt., .05; oz., .20; ¼ lb., .25.

CAULIFLOWER

German,—Blumenkohl. Spanish,—Coliflor.
French,—Chou-fleur.

One ounce of seed will produce 1,500 to 2,000 plants if sown in open ground, or about 3,000 in frames.

To raise good Cauliflower there is nothing so essential to success as good seed. The best Cauliflower seed is very expensive, but it is worth to the grower ten times as much as cheap and carelessly grown seeds. The best results are obtained from using Snowball for main late crop, as well as for early use.

Early Cauliflower are difficult to raise and are not of the best quality, but when the plants are set out in July and the heads form in October, there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June, on good soil. When plants are large enough, transplant to rich, moist soil. These remarks refer to Snowball or other early kinds. The late kinds must be sown and transplanted earlier.

Henderson's Early Snowball. This is undoubtedly the finest ever introduced. It is the earliest and produces beautiful snow white heads of the most delicious flavor. The seed we offer is pure and genuine, and sure to prove satisfactory. Pkt., .20; oz., \$2.50.

Extra Selected Dwarf Early Erfurt. The finest strain of the Erfurt Cauliflower; almost as early as the Snowball; grows about 15 inches high producing very solid, pure white heads of the very finest quality; seldom fails to form a good-sized head.

Pkt., .15; oz., \$2.00

Danish Giant (Dry Weather). This superior strain originated in Denmark. It is about two weeks later than our Snowball; makes a larger head and is very resisting against unfavorable seasons and dry weather. We would suggest to our customers who have had trouble in raising other kinds of Cauliflower, to give this variety a trial, as to our minds the chances of success with this cauliflower is increased many fold over any other strain. Pkt., .20; oz., \$2.50

All kinds of Insecticides, Spray Pumps, Power Sprayers, etc., always on hand. Call and examine or write for catalogue and prices.

CELERY

German,—Sellerie. French,—Celeri.
Spanish,—Apio.

One ounce of seed produces about 3,000 plants.

Sow seed the first or second week in April in hotbed or cold frame. As soon as the plants have attained a height of three inches, transplant, setting them four inches apart. As fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board 12 to 15 inches wide on edge on each side of the row.

Boston Market. The best and most popular sort for cultivation.

Pkt., .05; oz., .30; ¼ lb., .75

Giant Pascal. A strong grower and wonderful keeper; quality very fine.

Pkt., .05; oz., .20 ¼ lb., .50

Golden Self-Blanching. A self-blanching early golden-colored variety that is very popular.

Pkt., .05; oz., .40; ¼ lb., \$1.50

White Plume. A variety that can be more easily grown than any other as it does not require high banking to blanch the stalks. Simply earthing up enough to keep the stalks together or by passing a string around each plant is sufficient.

Pkt., .05; oz., .25; ¼ lb., .75

Celeriac, or Turnip-rooted. The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad.

Pkt., .05; oz., .15; ¼ lb., 50

CHICORY

One ounce is sufficient for a bed of four square yards.

Large-rooted or coffee. Leaves when blanched make an excellent salad.

Pkt., .05; oz., .10; ¼ lb., .30

CORN—Sugar

German,—Welfchkorn. French,—Mais.
Spanish,—Maiz.

One quart will plant 200 hills; 1 pk. will plant 1 acre in hills.

Corn requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1, and if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 until the last of July, first planting early varieties then later ones. Plant in rows 3 feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hills are plenty. Cover about 1 inch deep for early and a little deeper for late. Thin to 3 plants in a hill. Add 5c per pt., 7c per qt., and for each additional quart to the same address add 2c, if to be sent by mail.

CORN—Continued

Early Red Cory. This variety is the favorite for first early.

Pkt., .05; pt., .15; qt., .25; pk., \$1.50

White Cob Cory. This is an improvement over the Early Cory as the cob is white which gives it a finer appearance. It is as early as the Early Cory and of excellent quality.

Pkt., .05; pt., .15; qt., .25; pk., \$1.50

Crosby's Early. An early corn of large size and choice quality. It has long been a standard variety.

Pkt., .05; pt., .15; qt., .25; pk., \$1.50

Stowell's Evergreen. The best late corn for all purposes. It has been a leader for many years as a main crop variety and is unexcelled as a market corn.

Pkt., .05; pt., .15; qt., .25; pk., \$1.50

Country Gentleman. This is the finest of the medium late varieties. The rows are zig-zag with long slender kernel of delicious flavor.

Pkt., .05; pt., .15; qt., .25; pk., \$1.50

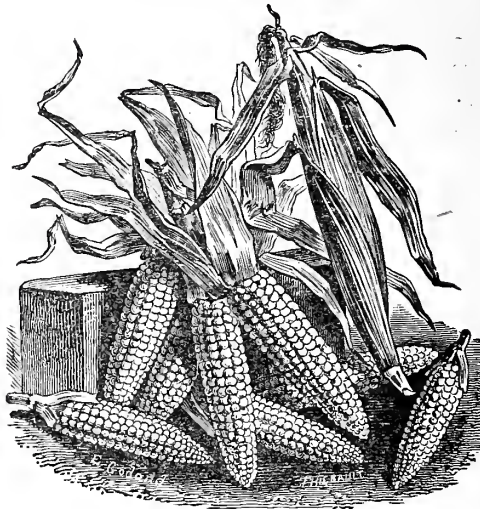
Black Mexican. This corn when in condition for the table cooks remarkably white; but the ripe grain is black or bluish-black. It is unsurpassed by none in tenderness.

Pkt., .05; pt., .15; qt., .25; pk., \$1.50

Golden Bantam. The fact that the grains of this variety are yellow is an indication of hardiness and its value for early planting and early maturity. It is a rapid grower, and produces ears measuring about 5 inches, but

the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the corn when cooked. It is a fine variety for the home garden.

Pkt., .05; pt., .15; qt., .25; pk., \$1.75

**FIELD AND FODDER CORN**

Prices will be quoted on application on the following corns. Please give the amount desired as well as the kind in all cases.

Southern White. A white variety that no silo owner or dairy farmer should overlook. It grows 12 to 16 feet high; has broad foliage and tender stocks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. Heavy cropper.

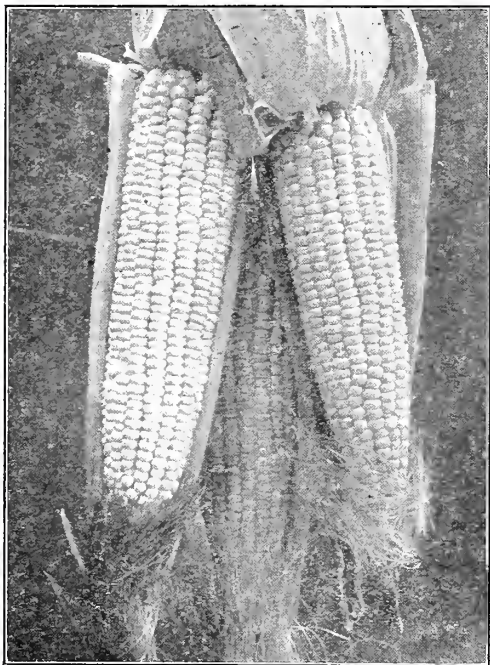
Leaming. An early, very heavy long-eared corn. Grows to medium height with large amount of foliage. One of the best ensilage corns, very much relished by stock. Cob red, grain yellow.

Red Cob. A very large-growing white dent corn, with red cob. Fodder sweet, juicy and tender. Very popular in northern dairy districts.

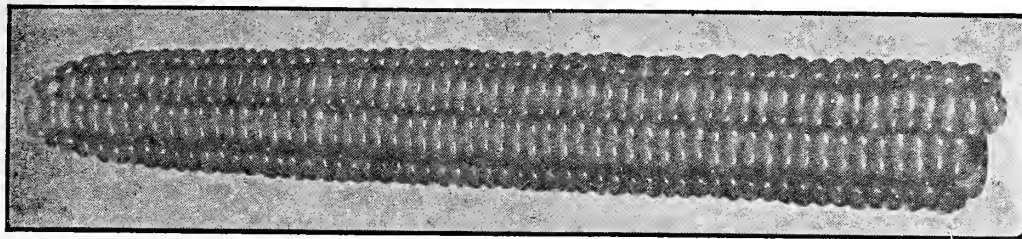
Sanford. A well-known variety, adapted to the whole of New England. Kernels silvery white flint color; large and broad. An excellent fodder and ensilage corn.

Early Canada. An eight-rowed, yellow-flint variety with small cob and deep grain. This is one of the earliest and best and seldom fails to produce a crop. The Early Canada seed we have to offer was grown in this State. From the fact that this corn matured in good shape last season it is sufficient evidence that it is early and well adapted to this climate.

Longfellow. An eight-rowed, yellow-flint sort; ears average 10 to 15 inches. Large kernels and small cob. Particularly adapted to New England.



Stowell's Evergreen



Haskell's Prizetaker Corn

CORN—Continued

HASKELL'S PRIZE-TAKER CORN

This corn has fully maintained its past record as being the very best flint corn grown.

This corn showed a test of 12.2 per cent. protein, 5.51 fat and 78.56 carbohydrates, which makes it the highest test corn from a food value of any of the known flints or dents.

On a recent test of this corn, 70 pounds of ears made 63 pounds of shelled corn.

This also makes an exceptionally fine corn for an ensilage corn as it grows when planted for ensilage very rank, being 10 to 12 feet tall, and the stalks are very fine grain, making a much more profitable corn for ensilage than any of the dent varieties. We have this corn both on the cob and shelled.

CHERVIL

One ounce will sow about 300 feet of drill.

Cultivated like parsley. Sow thickly in May, in drills half an inch deep, one foot apart. Use while the leaves are young and tender.

Curled Chervil. The young leaves are used for garnishing, and flavoring soups.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25

CORN SALAD OR FETTICUS

German,—Uckerfalat. French,—Mache.
Spanish,—Macha Valerianilla.

One ounce will sow 150 feet of drill.

Sow in September, in drills eight inches apart, covering the seeds lightly, and protect from frost by a light covering of hay or litter. The seed may also be sown in spring.

Large Green Cabbaging. A small, hardy salad; used also as a substitute for lettuce. Can be sown in September, and wintered over same as spinach.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .30

CRESS OR PEPPERGRASS

German,—Areffe. French,—Cresson.
Spanish,—Masuerdo.

One ounce will sow 16 square feet, or 150 feet of drill.

A popular salad, which should be sown early in the spring—very thickly in shallow drills—and at short intervals, for success, as it soon runs to seed.

Extra Curled. A small plant, having a fine, pungent flavor, and used as a salad; may be cut two or three times.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .20; lb., .50

True Water Cress. Grows along the banks of ponds and streams, and is easily introduced, wholly unlike Extra Curled; leaves are quite large and thick; a fine salad, sold in immense quantities in the large markets in springs.

Pkt., .05; oz., .40; $\frac{1}{4}$ lb., \$1.25

CUCUMBER

German,—Gurfe. French,—Concombre.
Spanish,—Pepino.

One ounce will plant 50 hills; 2 pounds will plant an acre.

Culture.—For earliest use, sow the seed in the hotbed or greenhouse in February or March, in warm loam, where the temperature is about 90 degrees. Cover half an inch deep, and when the plants are of fair size transplant into hills (made in the greenhouse), four plants in a hill, so that when the weather permits the whole hill can be moved to the open ground by means of tins made for that purpose. Plant for general use in the open ground about June 1, in hills 6 feet each way, and thin to three plants in a hill. Fine old manure (about six cords per acre) is sufficient; or, better still, plant on land from which a crop has been taken, and which was heavily manured for that crop.

CUCUMBER—Continued

Davis Perfect. As now selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an intensely dark rich green skin. With very few seeds the solid white flesh is of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hot-house grown." The vines are of strong growth and quite prolific.

Pkt., .05; oz., .10; ¼ lb., .35

Extra Early Russian. Earliest variety known; hardy and productive. Fruit very small and quality fine for pickling or slicing.

Pkt., .05; oz., .10; ¼ lb., .35

Early Cluster. Fruit borne in pairs; light green; a great bearer.

Pkt., .05; oz., .10; ¼ lb., .35

Early Frame or Short Green. An excellent sort, both for table use and for pickling. Plants very vigorous and productive. Fruit straight, a little smaller at the ends, bright green, lighter at the blossom end. Comes into use a little later than the Early Cluster and keeps green a long time. Our stock is very superior.

Pkt., .05; oz., .10; ¼ lb., .35

Boston Pickling. Fruit short, smooth and pointed at each end, bright green and a great yield; one of the best pickling.

Pkt., .05; oz., .10; ¼ lb., .35

White Spine Improved. The most popular strain of White Spine, and for general out-door culture, the best.

Pkt., .05; oz., .10; ¼ lb., .35

Long Green Improved. Fine for pickling when small; good for table use when about half grown.

Pkt., .05; oz., .10; ¼ lb., .35

Japanese Climbing. Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving much valuable space in small gardens. It is very prolific, from forty to fifty cucumbers having been counted on single plants. Fruit cylindrical, about ten inches long, thick and of fine flavor.

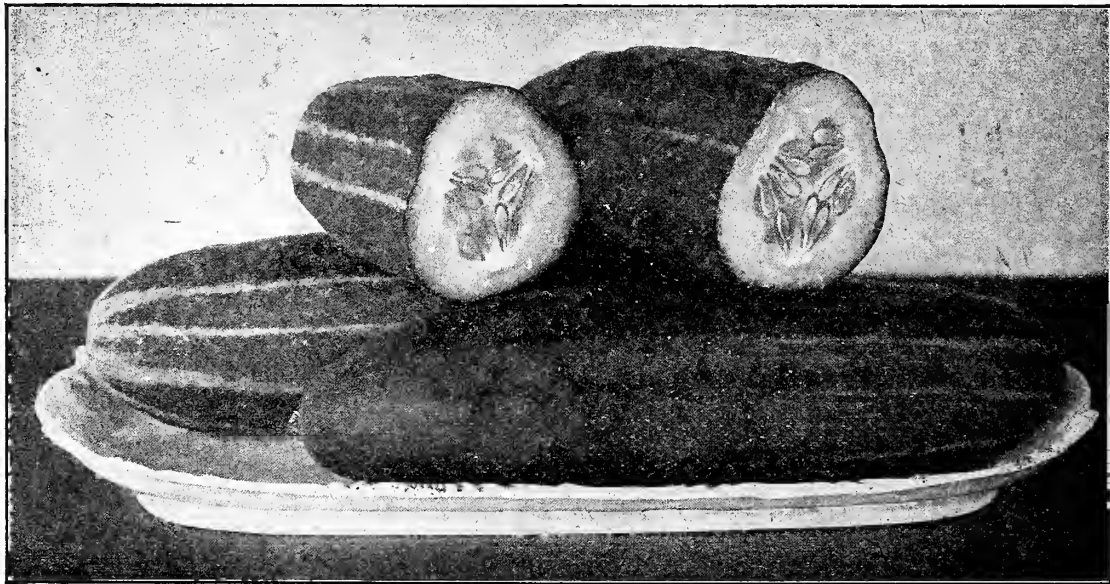
Pkt., .05; oz., .15; ¼ lb., .50

DANDELION

German,—Lowenzahn. French,—Pissenlit. Spanish,—Amargon.

One ounce will sow 100 feet of drill.

The Dandelion resembles endive, and affords one of the earliest as well as one of the most healthful spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows 12 inches apart, covering seed ¼ of an inch deep, and firming the soil well over them. Thin to two or three inches apart in the rows; by so doing the roots will be larger and a great amount of time will be saved the



White Spine Cucumber

DANDELION—Continued

next spring in trimming or gathering the crop. One pound per acre is sufficient.

Improved Thick-Leaved. Cultivate for spring greens; an immense improvement on the common Dandelion, both in size and thickness of its leaves and fine flavor, being far less bitter.

Pkt., .05; oz., .50; $\frac{1}{4}$ lb., \$1.75

EGGPLANT

German,—Gierpanze. French,—Aubergine.
Spanish,—Berengena.

The Eggplant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hotbed or warm greenhouse in March or April, and when about an inch high potted in two-inch pots. Plant about June 1, two and one-half feet apart.

New York Improved Purple. The leading market variety, and undoubtedly the best for size, quality and productiveness.

Pkt., .05; oz., .50; $\frac{1}{4}$ lb., \$1.50

ENDIVE

German,—Gendive. French,—Chicoree.
Spanish,—Endivia.

One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

Green Curled. Beautifully curled, tender and crisp.

Pkt., .05; oz., .15; $\frac{1}{4}$ lb., .50

Moss Curled. More finely curled, and a heavier and more dense plant than Green Curled.

Pkt., .05; oz., .15; $\frac{1}{4}$ lb., .50

Broad-leaved Batavian (Escarolie). This variety is chiefly used in soups and stews; requires to be tied up in blanching.

Pkt., .05; oz., .15; $\frac{1}{4}$ lb., .50



Kale

KALE OR BORECOLE

German,—Blatter-Kohl. French,—Chou Vert.
Spanish,—Breton.

One ounce will produce 3,000 plants.

Sow from the middle of April to the beginning of May in prepared beds; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf German Purple, or Brown Curled. Esteemed by Germans; very hardy and of fine quality; so handsome that it is frequently grown for ornament.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .30

Dwarf Green Curled Scotch. Rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .30

Tall Green Curled Scotch. Grows about two feet high; leaves dark green, curled and wrinkled; very hardy, and is improved by a light frost.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .30

KOHL RABI

German,—Roh-Rab. French,—Chou-Rave.
Spanish,—Col de nabo.

One ounce will sow 200 feet of drill.

This vegetable, the popularity of which is rapidly increasing, combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June in rows 18 inches apart, and the plants thinned out to eight or ten inches in the rows.

KOHL-RABI—Continued

Early White Vienna. Best for general table use; flesh tender and white.

Pkt. .05; oz., .25; ¼ lb., .60

Purple Vienna. A little later than the White; color bluish purple.

Pkt. .05; oz., .25; ¼ lb., .60

Large Green or White. Good for table and also for feeding stock.

Pkt. .05; oz., .25; ¼ lb., .60

LEEK

German,—Lanch. French,—Poireau.

Spanish,—Puerro.

One ounce will plant 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in the spring as practical in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

London Flag. Very popular with market gardeners.

Pkt., .05; oz., .15; ¼ lb., .50

Broad American Flag. Large and superior to London Flag; popular with gardeners.

Pkt., .05; oz., .10; ¼ lb., .50

**LETTUCE**

German,—Lattich. French,—Laitue.

Spanish,—Lechuga.

One ounce will sow 100 square feet, or 120 feet of drill.

Requires a rich, moist soil, and to be crisp and tender needs to be grown in cool weather. For winter use, sow in hotbeds every two weeks, at the rate of one ounce of seed to four sashes (a sash is three feet long by six feet wide); cover very lightly, and transplant, first to three inches apart each way, afterward to eight inches. For garden or field, sow in rows, and cover, one-fourth of an inch deep, and thin out to twelve inches apart in the rows. For New England the White Seeded Tennisball for cultivation under glass, and the Black Seeded Tennisball for outdoor use, are the standard variety.

Big Boston. A most desirable variety, either for forcing in cold frames or open ground planting; always produces large, solid saleable ends.

Pkt., .05; oz., .20; ¼ lb., .60

Boston Curled. Of ordinary quality but great beauty; highly ornamental in growth with its frilled leaves.

Pkt., .05; oz., .20; ¼ lb., .50

Prize-Head Early. Leaves green and red, very thin, crisp and tender; one of the best for private use.

Pkt., .05; oz., .20; ¼ lb., .50

Tennisball Black-Seeded. A very popular sort for open-ground culture; forms a handsome head, and is crisp and tender.

Pkt., .05; oz., .20; ¼ lb., .50

Tennisball, White-Seeded. Extensively grown for forcing and heading under glass; heads firm and good size, very white and crisp.

Pkt., .05; oz., .15; ¼ lb., .40

Simpson Early Curled (White Seed). A leading early sort for forcing or open ground.

Pkt., .05; oz., .15; ¼ lb., .30

Tomhannock. A variety with upright leaves, beautifully wrinkled; edges of outer leaves have reddish tinge; one of the best.

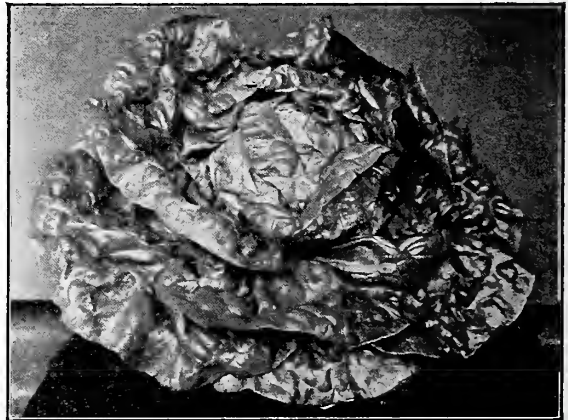
Pkt., .05; oz., .15; ¼ lb., .30

Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads, edge of leaves slightly tinged with red.

Pkt., .05; oz., .20; ¼ lb., .50

May King. Probably the finest all-seasons lettuce yet introduced. It is very early and hardy, and will stand cold, damp weather better than many varieties. Planted out of doors or under glass it will produce fine solid heads much sooner than any other variety. Outer leaves are yellowish green, tinged with brown, while the inside is a rich yellow.

Pkt., .05; oz., .25; ¼ lb., .75; lb., 2.00



May King

There is a breezy farm paper named the "Furrow" which we want in your home. Send your name for our mailing list and four times a year it will be sent you FREE.

LETTUCE—Continued

Grand Rapids. An excellent forcing variety with loose heads and of good size and form.

Pkt., .05; oz., .15; ¼ lb., .40

Brown Dutch. Leaves large, thick, green, tinged with brown; forms large, solid heads; exceedingly hardy.

Pkt., .05; oz., .15; ¼ lb., .50

Hanson. Large, solid heads; tender, crisp, and of a fine flavor.

Pkt., .05; oz., .15; ¼ lb., .40

White Faris Cos. Has long, narrow, upright leaves; does not head, but when tied up blanches very nicely.

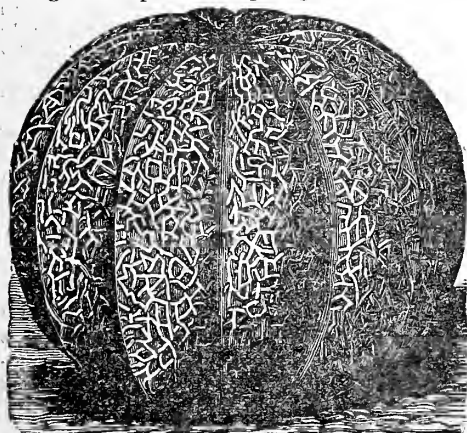
Pkt., .05; oz., .15; ¼ lb., .40

MELON, MUSK

German,—Melone. French,—Melon.
Spanish,—Melon.

One ounce will plant about 50 hills; 2 to 3 pounds in hills per acre.

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for Muskmelons; eight feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each twelve to fifteen seeds; after all danger of bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.



Emerald Gem Melon. The Emerald Gem is entirely unlike any other muskmelon yet introduced. The melons are about the size of the Netted Gem, but unlike that variety, the skin, while ribbed, is perfectly smooth, and of a very deep emerald green color. The flesh, which is thicker than any other native melon of the same size, is of a suffused salmon color, and ripens thoroughly to the thin green rind, which is distinctly defined. The flesh is peculiarly crystalline in appearance, and so very juicy, sweet and rich that it almost drops to pieces. It matures very early, and is quite productive.

Pkt., .05; oz., .10; ¼ lb., .50; lb., \$1.50

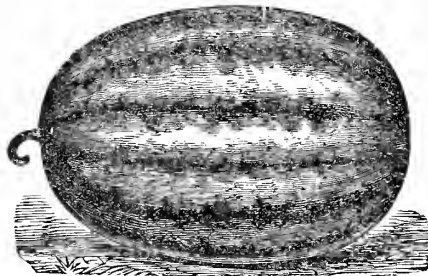
Rocky Ford. This new Muskmelon is similar to the oval strain of Netted Gem. The strain here offered originated with the melon growers in the vicinity of Rocky Ford, Col., who have shipped this melon from that distant Western point to Eastern markets. The melons grown by them are so fine in quality as to outsell all others, and the demand for such melons has been far beyond the supply.

Pkt., .05; oz., .10; ¼ lb., .40; lb., \$1.25

Long Yellow Musk. A long, large melon of peculiar musky flavor; a rich, yellow color, both inside and out. Pkt., .05; oz., .10

Early Hackensack. An improvement over the old Hackensack, producing melons of as good quality and ten days earlier. Large fruit, with thick, green flesh of the finest flavor.

Pkt., .05; oz., .10; ¼ lb., .40; lb., \$1.25



MELON, WATER

German,—Waffermelone. Spanish,—Zandia.
French,—Melon d'Eau.

One ounce will plant 50 hills.

Prices on all varieties of Watermelons as follows: .05 per pkt.; .10 per oz.; ¼ lb., .25; lb., .75.

Citron for Preserves. The old and well-known Preserving Citron; seeds red.

New Florida Favorite. An improvement on the old Florida Favorite, growing to double the size and more prolific. Its perfect shape, bright red crisp flesh, and delicious flavor, make it one of the best melons grown.

MELONS—Continued

Phinney's Early. This is another very early melon, earlier than the preceding; it is hardy and a sure cropper and extensively cultivated in the North.

Peerless or Ice Cream. Very early, flesh firm and sugary.

Cuban Queen. Very productive; flesh bright red, very solid, crispy and sugary.

MUSTARD

German,—Senf.

French,—Moutarde.

Spanish,—Mostaza.

One ounce will sow 75 feet of drill.

As an ingredient, the green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the spring, in drills from eight to twelve inches apart.

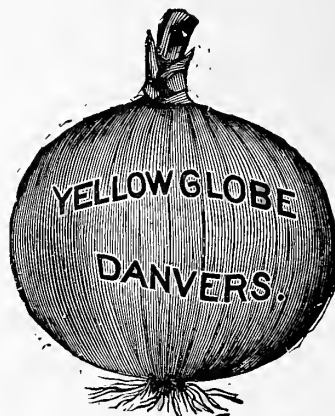
White London. Considered the best for salads and spinach; leaves light green. It is best when about four inches high.

Pkt., .05; oz., .10; ¼ lb., .15

Brown or Black. Pkt., .05; oz., .10; ¼ lb., .15.

ONION

Select the clean, richest land on the farm for the Onion crop. If Onions were grown on the land the previous year, so much the better but any good corn or potato land will do. Broadcast fifteen to twenty cords of fine well-rotted manure to the acre and plow not deeper than six inches; harrow thoroughly, cross plow, and harrow again, after which hand rake with wood rake and remove stones and rubbish. Sow four to five pounds of seed per acre in drills twelve to fourteen inches apart and about one-half inch deep. See that the Seed Drill is equipped with a good roller, that will press the earth firmly upon the seed. Sow as early in the spring as the ground can be properly worked. There is seldom necessity for thinning Onions if the land has been properly manured and seeded. After the Onions are three to four inches high, an application of about five hundred pounds to the acre of fertilizer, rich in available nitrogen, strewn between the rows, will be very beneficial. Keep the Onions growing by never allowing the weeds to get ahead and the acre should produce, in a good average season, five hundred to seven hundred bushels. When the tops are



down, the Onions may be pulled and left on the ground, and should be frequently turned with a wooden rake until tops are dried.

Yellow Globe Danvers. Undoubtedly the best known and most popular of all onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive onion grown.

Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

Large Red Wethersfield. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields enormously and is one of the best winter keeping onions.

Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

White Portugal, or Silverskin. A large flat, white onion of mild and pleasant flavor; hard and fine grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling.

Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

Southport Red Globe. The onions from Southport, Conn., generally command an extra price in New York markets, because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop.

Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50

Prize-Taker. A Globe-shaped variety of delicate straw color, growing to a very large size. It ripens up hard and firm, the flesh being pure white, fine grained and of mild, delicate flavor. Pkt., .05; oz., .25; ¼ lb., .75; lb., \$2.50.

Buy one of our Columbia Garden Seeders with fertilizer attachment. You can save the price of it in one season in time and seed. It is the most economical of seeders made. Send for catalog and prices.

ONION SETS

Potato Onion sets	qt., .25; pk., \$1.25
Red Bottom Sets	qt., .25; pk., 1.25
White Bottom Sets	qt., .25; pk., 1.25
Yellow Bottom Sets	qt., .25; pk., 1.25
Top Sets	qt., .20; pk., 1.00

Onion Sets should be planted as early in the spring as convenient to obtain early green onions, but they may be set at any time up to June 1. Set in rows a foot apart, and three to four inches between them in the row. Any good soil will suit them. When grown in quantities, high cultivation is given in order to forward the crop for an early market. They are ready for use as soon as the bulbs begin to be of fair size. Those not used in green condition will ripen early in July and make nice onions. Potato and Top Onions are grown from bulbs only.

Owing to the conditions which existed at the time of harvesting Onions Sets this past season, it is extremely doubtful if we have any sets to offer, the crop being an almost entire failure.

**PARSLEY**

German,—Peterfile. French,—Persil.
Spanish,—Perejil.

One ounce for 150 feet of drill.

Parsley succeeds best in rich, mellow soil. As the seed germinates very slowly, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep.

Champion Moss Curled. The standard variety. Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Weeders, Seeders and Garden Tools for the Market Gardeners are Specialties with us. Call and examine them.

PARSNIP

German,—Pastinake. French,—Panaïs.
Spanish,—Pastinaca.

One quart for 75 feet of drill; one to two bushels in drills for an acre.

Sow as early in spring as the weather will admit in drills fifteen inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground till spring, to be dug as required.

Prices on all varieties of parsnips as follows:

Pkt., .05; oz., .10; ¼ lb., .20; prices in quantity on application.

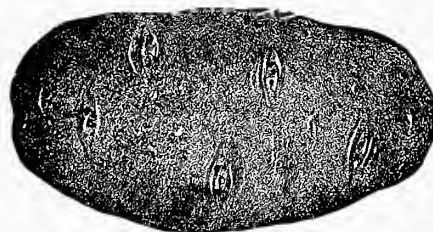
Abbott's Improved Hollow Crown. Smooth and quite large; fine sort.

Guernsey. Roots not quite so long as Hollow Crown, but of greater diameter and more easily gathered.

Long Smooth. As name implies, a very smooth, free from roots, and a general favorite.

We will have a fine assortment of
SEED POTATOES

In many of the common sorts and all are from selected stock. Ask for quotations.

**POTATOES**

While there are many varieties of potatoes which claim the public favor, we have included in our stock only a few and these we know to be the best in cultivation. All our potatoes are grown from selected stock in Maine and being of a uniform size are calculated to give the best results when used in a planter. Write for prices and descriptions on

Green Mountain,	Norcross,
Irish Cobbler,	Early Rose and
Gold Coin,	Early Six Weeks
	Early Harvest

PEAS

German,—Erbren.

French,—Pois.

Spanish,—Guizante.

One quart for 75 feet of drill; one to two bushels in drills for an acre.

Peas come earliest to maturity in light, rich soil. For general crop, a deep loam or a soil strongly inclining to clay is best. For early crops decomposed leaves or leaf-mold should be used; or, if the soil is very poor, strong manure may be used. For general crops a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. When grown as a market crop, peas are never staked; for private use they are generally sown in double rows, and the tall varieties staked up by brush. For an early crop sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an extra-early sort for fall use.

If sent by mail add .05 per pt.; .07 per qt., and for each additional qt. to same address add .02.

All marked thus (*) indicate wrinkled varieties.

EXTRA EARLY DWARF VARIETIES

***Bliss American Wonder.** An old variety, but still highly prized for its flavor and quality. Of dwarf, robust habit, growing twelve to fifteen inches in height, and bearing an abundance of good-sized, well-filled pods.

Pt., .15; qt., .25; pk., \$1.75

***Sutton's Excelsior.** Ripens early on vines fourteen to sixteen inches high, covered with a great abundance of long, straight, broad pods of a pale-green color. Price: Pt., .15; qt., .30; pk., \$2.25.

***Premium Gem.** A fine-flavored dwarf, wrinkled variety; height, eighteen inches.

Pt., .15; qt., .25; pk., \$1.75

***Nott's Excelsior.** This is the earliest dwarf wrinkled pea. The plant is dwarf and needs no support. The pods are of good size and well filled with large peas of the finest quality. It is as early as the American Wonder, while the vines are much more productive and the pods of larger size. There is no better early dwarf pea. Fifteen inches.

Pt., .15; qt., .25; pk., \$1.75

Every person planting peas should have one of our Garden Seeders. Send for descriptive circular and prices, or if possible, call at our store and examine them.



Sutton's Excelsior

EXTRA EARLY VARIETIES NOT DWARF

Alaska. An extra early round pea bearing pods of a dark green color; two feet.

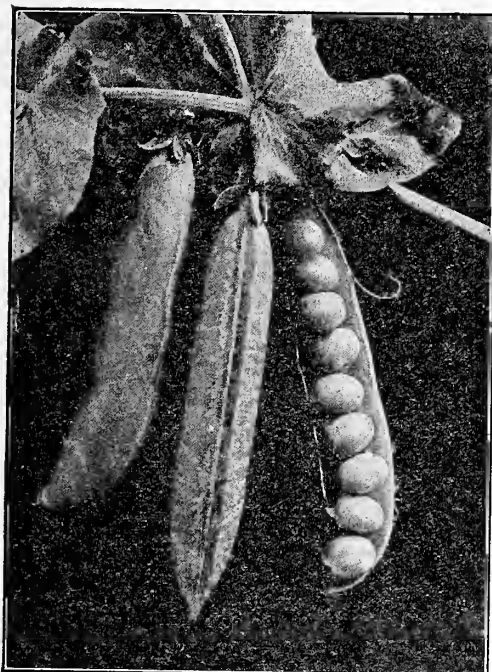
Pt., .15; qt., .25; pk., \$1.75

***Gradus, or Prosperity.** No new variety of peas has ever met with the favor and sale as the "Gradus" has since its introduction in America several years ago. It combines the finest quality with extreme earliness, and is also productive, bearing pods fully as large as Telephone. The color of the shelled peas is a beautiful light green, which color they retain after being cooked; the quality and flavor are delicious, and the peas remain tender and sweet for a long time.

Pt., .15; qt., .30; pk., \$2.25

***Thomas Laxton.** One of the very best of the tall growing, large pod, early peas. The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious, and cannot be surpassed by any other variety. The "Thomas Laxton" will mature nearly as early as any of the extra early smooth peas, and being a wrinkled sort is much sweeter.

Pt., .15; qt., .30; pk., \$2.25



Thomas Laxton

PEAS—Continued

SECOND EARLY VARIETIES

***Heroine.** One of the very best late kinds. Very long pods well filled with deliciously sweet dark green peas. Two feet.

Pt., .15; qt., .25; pk., \$1.75.

***Telephone.** A pea of the finest quality, sweet and delicious. Medium late, growing four feet tall with pods of the largest size.

Pt., .15; qt., .25; pk., \$1.75.

***Yorkshire Hero.** Bears large, well filled pods on stocky, vigorous vines. A first-class late pea. Two feet.

Pt., .15; qt., .25; pk., \$1.60

***Bliss Everbearing.** Medium late and very productive. Two feet tall.

Pkt., 15; qt., .25; pk., \$1.60.

***Haskell's Dark Green Pod Peas.** Immense pods of the style of the Telephone. A very superior wrinkled pea of quick and robust habit of growth. Pods are very deep green, averaging five to six inches in length and are borne in great abundance. The peas have a peculiarly pleasing flavor sure to satisfy all lovers of this most delicious vegetable. Haskell's Dark Green Pod is a medium late variety growing from three and one-half to four feet in height.

Pt., .15; qt., .30; pk., \$1.75

***Duke of Albany or American Champion.** Very fine, large pods and peas of finest quality. Medium late; three feet.

Pt., .15; qt., .30; pk., \$2.00.

***Dwarf Champion.** Possesses all the merits of the reliable Champion of England. A hardy robust grower producing dark green pods of good size and in great abundance. Quality excellent.

Pt., .15; qt., .25; pk., \$1.65

***Dwarf Telephone. (Carter's Daisy).** Similar to the Tall Telephone except in the height of the vine, which is only about two feet.

Pt., .15; qt., .30; pk., \$1.75

***Admiral Dewey.** An enormous cropper; peas very large and sweet.

Pt., .15; qt., .30; pk., \$2.00.

LATE VARIETY FOR GENERAL CROP

***Champion of England.** The standard for quality. Grows four feet tall, very prolific, and still one of the best late peas.

Pkt., 15; qt., .25; pk., \$1.60.

***Improved Stratagem.** A very large, fine pea, growing about twenty inches tall, strong and stocky. Late.

Pt., .15; qt., .30; pk., \$2.00.

Mammoth Melting Sugar. (Edible pods.) Large broad pods, very brittle and entirely stringless. Height four feet.

Pt., .25; qt., .50.

White Marrowfat. A good late sort. Cultivated very extensively for the summer crop.

Pt., .10; qt., .15; pk., \$1.15

Black-Eyed Marrowfat An old and standard late variety for garden or field use.

Pt., .10; qt., .15; pk., \$1.15

Canada Field. Seeds small white; for field culture only; largely used for sowing among oats.

PEPPER

German,—Pfeffer. French,—Piment.
Spanish,—Pimiento.

One ounce will produce 2,000 plants.

Grown largely for pickles. Sow in hotbeds early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm mellow soil in rows 18 inches apart. They may also be sown in the open ground when danger of frost is past.

Large Bell, or Bull Nose. A favorite and well-known pickling sort. Is early, large, mild and thick skinned. Pkt., .05; oz., .25

Long Red Cayenne A small, long, bright red sort, very productiv; extremely strong and pungent. Pkt., .05; oz., .85

PUMPKIN

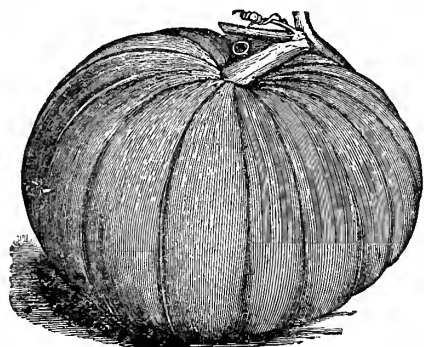
German,—Kurbis.

French,—Poitron.

Spanish,—Calabaza.

One ounce will plant 20 hills.

Pumpkins are grown chiefly as food for stock. The usual method of planting is to scatter a few seeds at intervals in the hills when planing Indian corn; in this way good crops of pumpkins are secured with slight labor and expense, and make a valuable addition to the season's crops.



Connecticut Field. The common yellow pumpkin, grown chiefly for feeding stock.

Oz., .05; ¼ lb., .15; lb., .40

Large Cheese or Kentucky Field. A most popular variety. Fruit flattened, the diameter being two or three times more than the length.

Oz., .05; ¼ lb., .10; lb., .40

Sweet or Sugar. A small variety, fine-grained and sweet; the best for table use.

Oz., .05; ¼ lb., .20; lb., .60

RADISH

German,—Rettig, Rabies.

Spanish,—Rabano.

French,—Radis, Rave, Petite Rave.

One ounce will sow 100 feet of drill.

Culture. The soil for Radishes should be very rich, light and mellow, well broken by digging as their tender and mild qualities depend much upon their rapid growth. For very early use sow in hotbeds in February and March and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession as long as they may be wanted. The winter varieties should be sown in August, lifted before severe frost, and stored in the cellar.

RADISH—Continued

French Breakfast. Olive-shaped scarlet, with white tip; crisp and tender. Very early. A general favorite.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Early Scarlet Turnip. A well known and popular variety. Small top of quick growth, mild and crisp.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Non Plus Ultra. One of the earliest forcing radishes, being ready for the table in three weeks from planting. Roots round and bright scarlet, crisp and delicate.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

China Rose. Bright rose-colored skin; flesh white and quality excellent; one of the best for fall and winter use.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Long White Vienna. Of rapid growth and beautiful shape; skin and flesh snow-white. The finest of long white radishes.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Long Black Spanish. Long, black, flesh white and slightly pungent; one of the latest and hardest.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Round Black Spanish. Skin black; white fleshed and piquant flavor.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Vick's Scarlet Globe Radish. A leader among bright round Red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavor.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

RADISH—Continued

Early Scarlet Turnip, White Tipped. One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It is but little later than the White Tipped Forcing, and will give entire satisfaction where extreme earliness is not the primary object. Roots slightly flattened on the under side; color, very deep scarlet with a white tip; flesh white and of the best quality.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75

Long Scarlet. Short top. The standard variety of the long sorts, used either for forcing or open culture; six or seven inches long.

Pkt., .05; oz., .10 $\frac{1}{4}$ lb., .20; lb., .50

Chartier. Decidedly distinct in appearance from any radish in cultivation. The color at the top being crimson, running into pink about the middle, and from thence downward it is a pure waxy white. It will attain a very large size before it comes unfit for the table.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75

SALSIFY or OYSTER PLANT

German,—Bocksbart. French,—Salsifis.
Spanish,—Ostra vegetal.

One ounce will sow 50 feet of drill.

Culture. Sow the seed in light deep soil, early in the spring, in drills twelve inches apart and one inch deep, thinning out the young plants to four or five inches. The roots will be ready for use in October, when a supply should be taken up and stored, like carrots. Those remaining will suffer no injury by being left in the ground till spring but should be dug up before commencing their growth.

Mammoth Sandwich Island. We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify and of more agreeable flavor. It is pure white in color and invaluable to market gardeners.

Pkt., .05; oz., .20; $\frac{1}{4}$ lb., .50

SIMPLEX SEPARATOR

Cannot be beaten. The easiest running cleanest skimming, simplest in construction and less work to clean of any machine on the market.

Send for Special Catalogue if interested in the best machine to be had.

SPINACH

German,—Spinat. French,—Espinard.
Spanish,—Espinaca.

One ounce for 100 feet of drill; 10 to 12 pounds in drills for an acre.

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks from April to August. Spinach is best developed and most tender when grown in rich soil.

Prices on all varieties as follows:

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25



Giant Thick Leaf. This variety gives the best results. The leaves are large, thick and somewhat crumpled, and it is equally good for spring or autumn sowing.

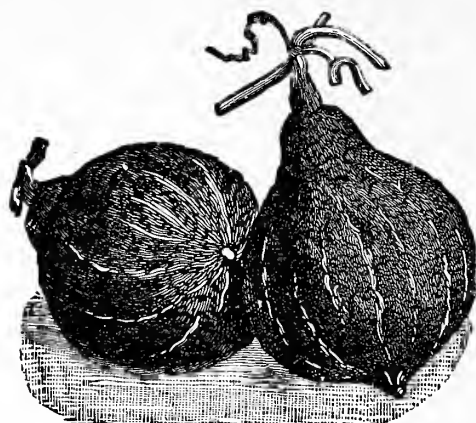
New Zealand. A valuable variety for the garden as it produces the thick, tender leaves throughout the summer. Grows very large and luxuriantly in warm, rich soil.

Long Standing Thick Leaved. Stands longest before running to seed; dark green.

SUNFLOWER

Mammoth Russian. The standard large-growing variety, which is used largely for feeding poultry.

Pkt., .05; $\frac{1}{4}$ lb., .10; lb., .20



SQUASH

German,—Kurbiss. French,—Courge.
Spanish,—Calabaza.

One ounce Early will plant 50 hills; one ounce Marrow, 25 hills.

Culture. The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted four feet apart each way, and the winter sorts eight feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.

Improved Hubbard. The well-known and standard late variety; our strain is excellent.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

Golden Hubbard. A genuine Hubbard Squash except in color, which is a bright red; quality excellent.

Oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

Warty Hubbard. A superior strain of mammoth size, and entirely covered with warty excrescences. Rich, dark-green color, and of very best quality.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

Giant Summer Crookneck. Double the size of an ordinary Crookneck and very warty but similar in other respects. Their handsome appearance commands an extra price in the market.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

Winter Crookneck. An excellent keeping Crookneck variety, lasting several months. Yellow skin, and a well-known squash.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

Delicious. We have found in this squash all that the originator claims for it. It is the driest, sweetest and finest flavored squash we have ever tasted. A fall and winter squash and is a good keeper.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

Bay State. Has a hard green shell; good for fall and winter use.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Boston Marrow. Fine fall variety; oval, bright orange; flesh yellow and firm; best for pies, and also for canning.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Improved Marblehead. Resembles the Hubbard but is earlier; has a gray, hard shell; a very popular winter sort.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Early White Bush Scalloped. A standard summer variety; good either for home or market garden.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Essex Hybrid, or Hard-Shell Turban. A standard winter sort; flesh a trifle darker than the Hubbard; an excellent keeper.

Pkg., .05; oz., .10; $\frac{1}{4}$ lb., .30; lb., \$1.00.

TOMATO

German,—Liebsapfel.

Spanish,—Tomate.

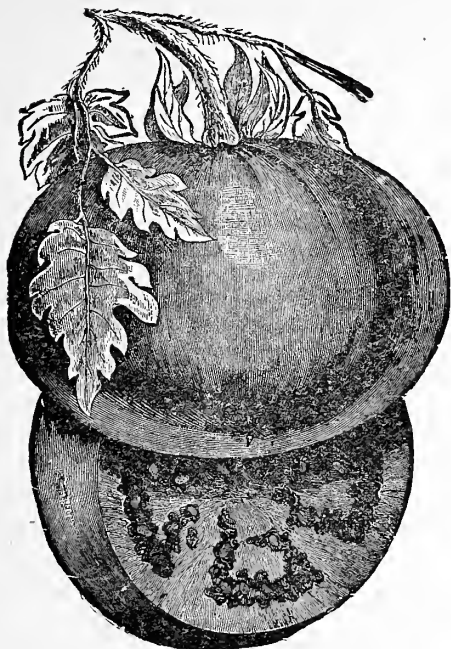
In this latitude to produce extra early tomatoes the seed should be planted in the hotbed about the middle of February, in drills five inches apart, and not over one-half inch deep. When the plants are two inches high they should be transplanted three to four inches apart, and when about four inches high should again be transplanted; this time about five inches apart. Again they should be transplanted about the middle of April into moderately warm beds or frames, and should not be nearer than eight inches. The final transplanting to the open ground may be made the last of May, when the plants should be fine, large and stocky, and if sufficient soil is taken up with each plant they will keep right on growing with no setback.

For ordinary plants, sow the seed early in March, and transplant, once in the hotbed and from hotbed into cold frames about four inches apart. The last of May they will be ready for the open ground where the Dwarf varieties should be planted $3\frac{1}{2}$ feet apart and the spreading varieties 4 to $4\frac{1}{2}$ feet apart.

Earliana. It is remarkable for its earliness, very large size, handsome shape and bright red color. Its solidity and fine qualities are equal to the best medium and late sorts.

Pkt., .05; oz., .30; $\frac{1}{4}$ lb., \$1.00.

TOMATOES—Continued



Dwarf Champion

Dwarf Champion. Dwarf and strong habit of growth; very solid and of extra quality.

Pkt., .05; oz., .25; ¼ lb., .75.

Livingston's Favorite. Smoother than the Paragon is a darker red than the Perfection; ripens evenly, and is as early as any good variety.

Pkt., .05; oz., .25; ¼ lb., .75.

Livingston's Beauty. Very glossy, crimson in color, slight tinge of purple; early free from rot; skin tough, bears handling remarkably well.

Pkt., .05; oz., .25; ¼ lb., .75.

Ponderosa. Very large, solid and of a good flavor. Specimens have been grown to weigh four pounds. Bright red. Very few seeds.

Pkt., .05; oz., .25; ¼ lb., .75.

Stone. Fruit very large and deep; bright scarlet, smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality; one of the best for family use and for canneries. Late.

Pkt., .05; oz., .25; ¼ lb., .75.

Chalk's Early Jewel. This is a very productive variety. Ripens nearly as early as Spark's Earliana, but is more desirable for home use as the fruits are thicker through and more solid; borne in large clusters. Color bright scarlet and quality good.

Pkt., .05; oz., .25; ¼ lb., .75.

Essex Hybrid. Color bright pink; large size, solid, rich flavored; very productive; fine market variety.

Pkt., .05; oz., .25; ¼ lb., .75.

June Pink. An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin.

Pkt., .05; oz., .25; ¼ lb., .75.

Matchless. Very large, smooth, solid and fine flavor. Cardinal red.

Pkt., .05; oz., .25; ¼ lb., .75.

TOBACCO

Connecticut Seed Leaf. Best adapted for the climate of the Northern and Middle States.

Pkt., .05; oz., .30.

TURNIP

German,—Steckrube.

French,—Navet.

Spanish,—Nabo Comun.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crops, and early in August for a fall and winter crop. A light soil, well manured the previous year, is the best, a few hundred pounds per acre of quick-acting fertilizer will have a tendency to make the roots smooth, and to make the rapid growth so essential in producing sweet and palatable turnips.

Ruta Bagas, or Sweets, should be planted from the last of June to about July 10, as they require more time in which to mature than the Early or Strap Leaf varieties. Newly-turned soil will produce the sweetest and smoothest turnips.

Extra Early Purple Top Milan (Flat). The earliest turnip in cultivation and a splendid variety; favorite with gardeners who want first turnips in market. Bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored of summer sorts.

Pkt., .05; oz., .10; ¼ lb., .20; lb., .65.

Extra Early White Milan. This is one of our most popular turnips for spring sowing. It is a splendid extra early turnip in which the extreme earliness, small top and tap-root of the Purple Top Milan is united with clear white skin and flesh.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75.

Purple Top Strap Leaf. Rapid grower and mild flavor. The most popular variety for early use, either for the table or stock.

Pkt., .05; oz., .10; ¼ lb., .20; lb., .50

Yellow Stone. A very popular yellow-fleshed variety; fine for table use. Flesh very firm, tender, sweet and fine flavored; an excellent keeper.

Pkt., .05; oz., .10; ¼ lb., .20; lb., .50

TURNIP—Continued

White Six Weeks. Very early, white and sweet. An excellent early table variety.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .20; lb., .50

White Egg. Belongs to the class of quick-growing fall turnips, and for this purpose should be sown in this latitude between August 1 and 10. Its shape is nearly oval or egg, as its name would indicate.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .20; lb., .50



**RUTA BAGA
OR SWEDISH TURNIP**

Rutabaga Bangholm. Oblong, globular shaped, with very small neck, yellow flesh, very dark purple top, superior to all other Swedes. One of the very heaviest croppers.

Oz., .05; $\frac{1}{4}$ lb., .15; lb., .45

Long Island Purple. Undoubtedly the finest variety of purple-top Ruta Baga. Leaves few and small; bulbs fine shaped with very short, small necks; purple crown skin and flesh bright yellow, solid, sweet and mild flavor.

Oz., .05; $\frac{1}{4}$ lb., .15; lb., 40

White Sweet German. Sweet, and fine flavor. Good keeper.

Oz., .05; $\frac{1}{4}$ lb., .15; lb., 40

Imperial Hardy Swede. Claimed by many to be the best Swede turnip grown. Bulb of large size with purple crown; flesh yellow; very smooth and a heavy cropper.

Oz., .05; $\frac{1}{4}$ lb., .15; lb., 40

Skirving's Purple Top. Well-known yellow fleshed variety of large size and fine quality; for stock or table.

Oz., .05; $\frac{1}{4}$ lb., .15; lb., 40

**SWEETPOT AND MEDICINAL
HERBS**

These are of easy cultivation. As a rule it is best to cut herbs when in flower, wilt in the sun and thoroughly dry in the shade.

Anise. Hardy annual,	Pkt., .05; oz., .10
Balm. Hardy herbaceous, perennial,	Pkt., .05; oz., .25
Caraway. Hardy bi-annual	Pkt., .05; oz., .10
Coriander. Hardy annual,	Pkt., .05; oz., .10
Catnip. Perennial,	Pkt., .05; oz., .25
Dill. Biennial,	Pkt., .05; oz., .10
Horehound. Perennial,	Pkt., .05; oz., .20
Majoram. Sweet, annual,	Pkt., .05; oz., .15
Rosemary. Perennial,	Pkt., .05; oz., .25
Rue. Perennial,	Pkt., .05; oz., .15
Sage. Hardy perennial,	Pkt., .05; oz., .15
Saffron. Annual,	Pkt., .05; oz., .15
Summer Savory. Hardy annual,	Pkt., .05; oz., .15
Winter Savory. Perennial,	Pkt., .05; oz., .15
Thyme. Hardy perennial,	Pkt., .05; oz., .25
Wormwood. Perennial,	Pkt., .05; oz., .25

**VEGETABLE AND FLOWER
PLANTS**

We have in their season a choice assortment of both vegetable and flower plants.

TOMATO PLANTS. Essex Hybrid, Dwarf Champion, Chalk's Jewel, Earliana, etc.

CABBAGE PLANTS. All Seasons Stone Mason, Drumhead, Danish Ball Head, Early Summer, etc.

CAULIFLOWER. Snowball.

CELERY. Giant Pascal, Boston Market, White Plume.

FLOWER PLANTS. Pansies, Geraniums, Verbenas, Stocks, Salvia, Asters.

Our Plants are all grown for us locally and are hardy and vigorous. Prices as low as can be made and furnish good strong, healthy plants.

BIRD SEED

Add 5c per lb. for postage. Prices subject to variations of the Market.

Canary. Sicily, selected	.13 lb.
Hemp. Russian, first quality	.11 lb.
Rape. German	.14 lb.
Sunflower. Russian	.10 lb.
Millet	.04 lb.
Cuttlefish	.05 oz., .75 lb.
Unhulled Rice	.08 lb.

Appointment Extraordinary

WE have been selected a Representative of The Luther Burbank Company, of San Francisco, the Sole Distributor of the Burbank Horticultural Productions, for the distribution of the plant creations of

LUTHER BURBANK

The World's Greatest Creator of New Flowers, Fruits and Vegetables.

When you plant this Spring, "Burbank" your garden—make it different. The cost of Luther Burbank seeds is no more than those of inferior quality.

The assortment we carry is very complete. You will find just what you want—flowers rare in colorings, size and form—vegetables of unusual earliness and quality—and new and better fruits and berries.

THE BURBANK DOLLAR GARDEN

For \$1.00 you can secure Luther Burbank's own selection of his own flower seeds, 12 varieties in 12 packets having a separate retail value of \$1.80—Enough for a Garden of Extraordinary Character and Beauty.

A GENUINE LUTHER BURBANK GARDEN

We also have a quantity of the Luther Burbank Vegetable Seeds in five and ten cent packages. These include Peas, Beans, Squash, Radish, Turnip, etc., etc., On these seed we will make the same offer we do on our own packages: i. e., anyone sending use \$1.00 for an assorted lot of The Genuine Luther Burbank Seeds we will send them by mail postpaid, \$1.25 worth of same.

TABLE

Showing Weight per Bushel, also Quantities
sown per acre of Grass, Grain and
Vegetable Seeds

	Weight per Bushel	Quantity Usually Sown per acre			
Timothy	45 lbs.	$\frac{1}{2}$ bu.	Meadow Fescue	15 lbs.	
Clover, Red	60 lbs.	10 to 20 lbs.	Tall Fescue	15 lbs.	
Clover, Alsike	60 lbs.	10 to 15 lbs.	Sheep Fescue	12 lbs.	
Clover, White	60 lbs.	10 to 15 lbs.	Hard Fescue	14 lbs.	
Clover, Crimson	60 lbs.	10 to 15 lbs.	Meadow Foxtail	8 lbs.	(Grains used for pastures, grain lands, etc.)
Clover, Alfalfa	60 lbs.	15 to 20 lbs.	Rough Stalked Meadow	14 lbs.	
Red Top, unhulled	10 lbs.	$2\frac{1}{2}$ to 3 bu.	Wood Meadow	14 lbs.	
Red Top, cleaned	30 to 40 lbs.	10 to 15 lbs.	Crested Dog's Tail	28 lbs.	
Millet, Hungarian	48 lbs.	$\frac{1}{2}$ to 1 bu.	Sweet Vernal	11 lbs.	
Millet, German	50 lbs.	$\frac{1}{2}$ to 1 bu.	Seed Barley	48 lbs.	2 to 3 bu.
Millet, Japanese	35 lbs.	$\frac{1}{2}$ to $\frac{3}{4}$ bu.	Seed Wheat	60 lbs.	$1\frac{1}{2}$ bu.
Millet, Siberian	50 lbs.	$\frac{1}{2}$ to 1 bu.	Seed Rye	56 lbs.	$1\frac{1}{2}$ bu.
Bent, Fancy,	35 lbs.	15 lbs.	Seed Oats	32 lbs.	2 to 3 bu.
Bent, R. I.	10 lbs.	3 bu.	Seed Buckwheat	48 lbs.	$\frac{3}{4}$ to 1 bu.
Orchard Grass,	14 lbs.	2 to 3 bu.	Flax	56 lbs.	1 to 2 bu.
Blue Grass	14 lbs.	2 to 3 bu.	Canary	60 lbs.	
Fowl Meadow	11 lbs.	1 to 2 bu.	Hemp	40 lbs.	
Lawn Seed	16 lbs.	$3\frac{1}{2}$ to $4\frac{1}{4}$ bu.	Rape, German	50 lbs.	
Lawn Seed, Special	40 lbs.	$1\frac{1}{2}$ to 2 bu.	Rape, Dwarf, Essex	50 lbs.	
Perennial Rye Grass	24 lbs.		Corn Field	56 lbs.	8 to 12 qts.
Italian Rye Grass,	18 lbs.	(Used in mixtures for pastures)	Corn, Fodder	56 lbs.	3 bu.
Tall Oat Grass	12 lbs.		Corn, Sweet, measured bushel	8 to 10 qts.	
Yellow Oat Grass	8 lbs.		Beans, White	60 lbs.	$1\frac{1}{2}$ bu.
			Beans, Red Kidney	60 lbs.	$1\frac{1}{2}$ bu.
			Beans, Fancy	60 lbs.	$1\frac{1}{2}$ bu.
			Peas, Smooth,	60 lbs.	$1\frac{1}{2}$ to 3 bu.
			Peas, Wrinkled, measured bu.	$1\frac{1}{4}$ to 2 bu.	



GRASSES and GRAINS

NOTE—Owing to the frequent changes in price of Grains and grasses, we have refrained from inserting prices of them in this catalogue. The lowest market price will be quoted on application.

Northern Grown Grass Seeds

SPECIAL ATTENTION

Though we trust you will give your careful attention to the vegetable section of our seed catalog, we do not want to overlook that part treating on Northern Grown Grass Seeds.

While we carry several grades of the different varieties of seeds, we recommend our Purity Brand as the very best the market affords. These seeds are strictly Northern grown, and are selected by us because they possess the two essential qualities of purity and vitality. It is well known that there have been large quantities of Grass and Clover Seed sold as pure, which official analysis has shown to contain large percentages of adulteration. This not only defrauds the planter by selling him a worse than useless article, but inflicts injury also by filling his land with noxious weeds. We list Grass and Clover Seeds according to their quality, grading down from our Purity Brand, which is always the best.

CHOICE GRASS SEEDS FOR LAWN AND FARM

Timothy
Medium Red Clover
Mammoth Red Clover
Alsike Clover
White Clover
Crimson Clover
White Sweet or Bokahra Clover
Alfalfa Clover
Red Top
Kentucky Blue Grass
Canadian Blue Grass
Orchard Grass
English Rye Grass
Meadow Fescue
Rhode Island Bent
Meadow Oat Grass
Sheeps Fescue
Crested Dog's Tail
Sweet Vernal

MILLETTES

Hungarian
Japanese
Siberian

GRAINS

Prices subject to Market Changes

Barley, Fancy No. 1, Montana Two-Rowed.
Barley, Beardless
Seed Oats, No. 1, Montana choice.
Spring Rye. Best Northern grown.
Winter Rye. New England grown.
Spring Wheat. Northern grown.
Winter Wheat. Northern grown.
Buckwheat.

MISCELLANEOUS SEEDS

Canada Field Peas
Soja Beans
Cow Peas
Dwarf Essex Rape
Spring Vetch
Winter Vetch

IMPLEMENTS

We list below, Farm Implements which we sell, which includes the JOHN DEERE and SYRACUSE well-known lines. If interested we would be pleased to furnish circulars and descriptive matter and quote prices on request.

CULTIVATORS

5 and 7 Tooth Walking Cultivators.
Spring Tooth Riding Cultivators.
Spring Trip Hoes Riding Cultivator.

CUTTERS

Ohio Ensilage Blower Type.
Ohio Ensilage Carrier Type.
Ohio Feed Hand and Power.
Root and Vegetable.

HOOVER POTATO DIGGERS

GASOLINE ENGINES

HARROWS

DEERE with Plain or Cutout Discs.
15 and 16 Tooth Spring Tooth Harrows.
30 and 60 Tooth Spike Tooth Harrows.

JOHNSTON GRAIN BINDERS

JOHNSTON CORN BINDERS

POTATO HOES

ROBBINS POTATO PLANTER

Deere Two Row Corn Planters

King of the Cornfield Planters

ECLIPSE CORN PLANTERS

VAN BRUNT 11x7 Fertilizer Disc
Drills—Sows grain, grass seed and
fertilizer.

DEERE HAY LOADERS

THRESHERS

A. W. Gray's line in three sizes.

TEDDERS

Johnston 6 and 8 Fork.

WAGON TRUCKS

PLOWS

John Deere Sulky Plows
Syracue Sulky Plow.
Deere Steel Hand Plows.
Syracuse Land and Swivel Plows.
Deere Engine Gang Plows.

RAKES

Johnston 8-9-10½ ft. Steel Rakes.
Dain 8-9-10 ft. Steel Rakes.
New York Champion Wood Rakes.
Dain Side Delivery Rakes.

SPRAYERS

Power and Hand Sprayers for Orchards
and potatoes.

MOWING MACHINES

Johnston Mower 4-5-6-7 ft.
Dain Mower 5 and 6 ft.

LAND ROLLERS

Three section 6 and 8 ft. long; 24 or 26 in.
in diameter.

SEPARATORS

Sharples Cream Separator.
Simplex Cream Separator.
Red Star Cream Separator.

MANURE SPREADERS

John Deere Low Down with the beater on
the axle.
Success Manure Spreader.

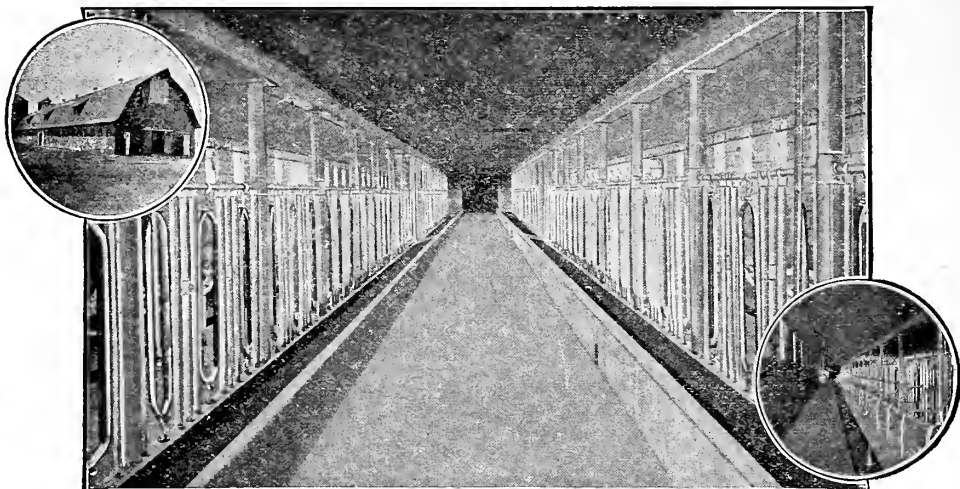
WINDMILLS

PORTER BARN EQUIPMENT

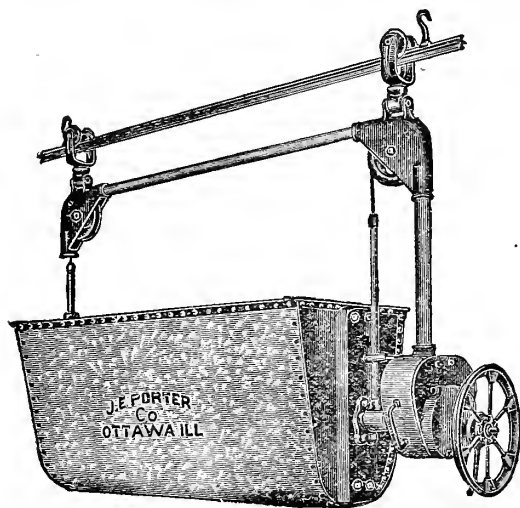
ENSILAGE CUTTERS

We are the general agents for the famous line of OHIO ENSILAGE CUTTERS equipped for Blower or Carrier.

PORTER PERFECT BARN EQUIPMENT



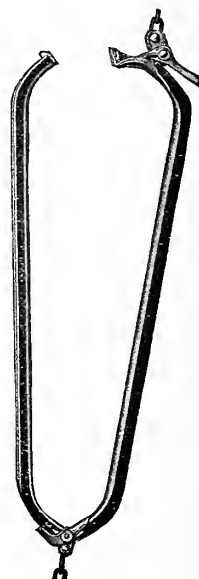
We are in position to furnish complete barn Outfits of the most improved type including Stalls, Stanchions, Hay and Litter Carriers, Water Basins, Mangers, etc., Estimates and information gladly given and if building new or rebuilding your old barn will furnish without charge, Blue Prints giving most improved construction.



The Porter Litter Carrier shown above is a high-class machine, built for heavy service. The tub is four feet long and two feet wide, with a capacity of $12\frac{1}{2}$ cubic feet, or 800 pounds of wet manure. It is built of heavy, galvanized steel, reinforced with rolled steel angle one inch wide all around the top and along the end seams. Most perfect lifting device found on any Carrier. Furnished with chain hoist if desired.



Closed



Open.

PORTER STEEL STANCHIONS

These Stanchions are made of high carbon U-bar steel and are amply strong. The lock is simple and positive in action. Can furnish with wood lining if desired, also small size for calves and extra heavy for bulls.

SEND FOR FULL DESCRIPTIVE CATALOGUE

INSECTICIDES and FUNGICIDES

SPRAY CALENDAR

APPLES—Scab—Use Formula No. 8 before the flower buds open: repeat just after the flowers fall. If the Orchard is badly infected, repeat at intervals of three weeks with two more sprayings.

Bitter Rot—Use Formula No. 5 about the middle of June, or if it has not previously been serious, spray when the disease appears. Give two or three other sprayings at intervals of about three weeks.

Canker Worm, Codling Moth, Curculic, and other Biting Insects—Use Formula No. 2.

Leaf Curl—Use Formula No. 5 or No. 8 when the trees are dormant.

San Jose Scale—Use Formula No. 8 when the trees are dormant.

FEARS—Scab and Leaf Spot—See under Apple.

RASPBERRY, BLACKBERRY and DEWBERRY—Anthracnose—Cut out all infected canes in the spring and use Formula No. 5 before the buds open. Spray again at intervals using the same formula. As the fruit ripens use Formula No. 9.

STRAWBERRY—Mildew—Use Formula No. 5 at first sign of disease.

Rust—Use Formula No. 5 before the buds open. Formula No. 9 before the fruit ripens. After fruiting, apply with Formula No. 5 again as may be needed.

POTATO—Blight, Rot and Beetle—Use Formula No. 2 or No. 4 when either appears and again at intervals of ten days as long as either is prevalent. The Bordeaux Mixture is for the Blight and Rot, and the Arsenate of Lead or Paris Green is for the Beetles, but either may be used in combination with the Bordeaux Mixture.

TOMATOES—Blight and Rot—Use Formula No. 5 when first fruit is half grown. Spray again in ten or fifteen days. Formula No. 9 should be used when the fruit is ripening if any spraying is necessary at that time.

DANDELIONS—Use Formula No. 10. Do not spray for two days before or after cutting the lawn. Most effective if it does not rain for 20 hours after spraying. Water the lawn and allow the grass to dry before spraying. Young plants should only require one spraying. Old plants are resistive, so repeat when they grow up again. When dandelions are dead, seed in with grass at once. Sulphate of Iron is not poisonous but will discolor clothing.

WILD MUSTARD—See under Dandelions.

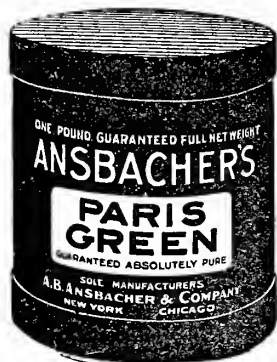
CANADA THISTLES—See under Dandelions.

SPRAY FORMULA

- 1. ARSENATE OF LEAD**—Use from 3 to 5 lbs. Arsenate of Lead to 50 gallons of water.
- 2. ARSENATE OF LEAD AND BORDEAUX COMBINED**—Use from 3 to 5 lbs. Arsenate of Lead to 50 gallons of Bordeaux Mixture. The Arsenate of Lead is used as an insecticide and the Bordeaux Mixture as a fungicide especially recommended for preventing blight.
- 3. PARIS GREEN**—Use 1 to 2 lbs. Paris Green to 50 gal. water. Paris Green should not be used on peach, cherries or Japan plums, and only with extreme caution on other stone fruits. In mixing Paris Green solutions add Milk of Lime, which will prevent the burning of foliage.
- 4. PARIS GREEN AND BORDEAUX COMBINED**—Use 1 to 2 lbs. Paris Green to 50 gal. Bordeaux Mixture.
- 5. BORDEAUX MIXTURE**—Copper sulphate 5 lbs.; Lime 5 lbs.; Water 50 gals. In preparing use two one-half barrel tubs. One for Copper Sulphate and the other for the Milk of Lime. The two solutions are now poured into a barrel at the same time; the Lime solution should be kept well stirred. Two men are required to make Bordeaux Mixture, so as to get the two liquids poured into the barrel evenly.
- 6. KEROSENE EMULSION**—Kerosene, 2 gallons; Whale Oil Soap, $\frac{1}{2}$ pound; Soft Water, 1 gallon.
- 7. TOBACCO DECOCTION**—Tobacco Stems and other refuse tobacco, 1 pound; Water, 2 gallons. Boil tobacco stems and other refuse tobacco thoroughly in the water. This solution is sufficiently strong for aphides and other very delicate insects.
- 8. LIME SULPHUR SOLUTION**—We find from experience that the Commercial Lime Sulphur Solution is much preferable to the home made solution, as generally speaking, the mixture is better, being less liable to foliage injury and causing no trouble by clogging of spray nozzles, etc.
- 9. AMMONICAL COPPER CARBONATE**—Copper Carbonate 6 ounces; Strong Ammonia (just enough to dissolve the Carbonate) about 3 pints; Water 50 gallons. This is for use only when the fruit is ripe, or nearly so, and we do not wish to discolor it with Bordeaux Mixture.
- 10. SULPHATE OF IRON**—Dissolve 4 pounds Sulphate of Iron in 2 gallons of water. Strain the liquid carefully through a fine screen of cheesecloth.

We have everything in Spraying Machinery including Hand Traction and Gasoline Power Outfits. Send for descriptive matter or else call at our store and examine them.

INSECTICIDES and FUNGICIDES—Cont'd

PURE PARIS GREEN
ANSBACHER'S

After having tried several of the other kinds of Paris Green we are convinced that Ansbacher's has no superior, consequently are handling this kind exclusively.

The price of Paris Green not being established at this time of going to press, we will be pleased to quote prices on application.

GRASSELLI ARSENATE OF LEAD

Kills all leaf-eating insects. Mixes readily with water. Sticks to the foliage.

Grasselli Arsenate of Lead is used to destroy all leaf-eating insects attacking fruit trees, shade trees, vegetables, flowers and shrubbery, such as Codling Moth, Curculino, Canker Worm, Tussock Moth, Elm Leaf Beetle, Gypsy and Brown Tail Moths, Potato Beetle and all similar insects that feed upon the fruit and foliage.

GRASSELLI ARSENATE OF LEAD
POWDERED

Grasselli Arsenate of Lead Powdered is usually used in the dust form. Apply as received by finely dusting on the foliage. If mixed with water use 1 pound to 1½ pounds to 50 gallons of water except for Potato Beetles. Use two to three pounds to 50 gallons of water on potatoes, applying 50 gallons or more per acre.

WILL KILL FLIES

Formerly Known as Rough-on-Flies.



Kills flies, vermin and lice. Increases the yield of milk. Insures more eggs and better poultry. Cures chicken gapes, scaly legs, etc. Kills lice on cattle and sheep ticks. Heals scab and hoof rot. It is an excellent disinfectant. Is an antiseptic and very healing. Used for cuts, burns, or sores on man and beast. Thoroughly high grade. Every gallon guaranteed.

One gallon cans, price per gal. \$1.50.

COW'S FAVORITE FLY OIL

Protects the stock, drives the flies away, means money in the farmer's pocket. Just the preparation for the dairyman or farmer. Cow's Favorite Fly Oil in bbls., per gal., .50
Cow's Favorite Fly Oil gal. cans, per gal., .60

LIME SULPHUR SOLUTION

Lime Sulphur Solution as a Summer spray replaces Bordeaux Mixture. The use of Lime Sulphur Solution and Bordeaux Mixture in same application is unnecessary. Lime Sulphur Solution is used as an insecticide to control San Jose Scale, Oyster Shell Scale and all sucking or scale insects.



BUG DEATH

This non-poisonous Insecticide and Plant Food is now too well known to need any detailed description.

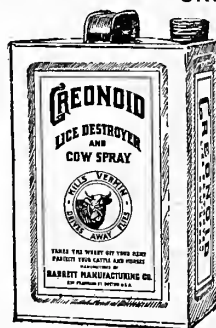
Prices on Application

TREE TANGLEFOOT

For protecting trees against climbing insect pests in a simple, economical and effective way, use Tree Tanglefoot—a sticky substance applied directly to the bark of trees. One application remains sticky on the trees three months fully exposed to the weather. Easily applied with a small wooden paddle. One pound will make a band 7 to 8 feet long.

Price, 1-lb. can .35; 3-lb. can, \$1.00

CREONOID



Barrett's Creonoid is an up-to-date preparation from coal tar, of invaluable service to the poultrymen, stock raisers and farmers. It eliminates flies and mosquitoes and insures sanitary conditions in stables, stock sheds, around barnyards, etc.

Price gal. cans \$1.00

CROW TAR

A thoroughly reliable tar made especially for using on corn as prevention against crows. Give the corn a thin coating which quickly dries so that there is no trouble in putting through planter as in the case with tar preparation not made especially for that use.

Price quart can .25

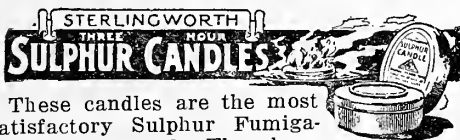
Call and examine our line of Sprayers. Everything from the small 35c tin sprayer to the large Orchard and Potato Power Sprayers.

INSECTICIDES & FUNGICIDES—Cont'd

STERLINGWORTH
LIQUID LICE & MITE KILLER

If, after using Sterlingworth Liquid Lice and Mite Killer, you believe it is not better than any other preparation you ever used for killing lice and mites in poultry houses, state the facts to us and we will refund the purchase price. For use, use as sold, by spraying.

Prices: 1 qt., .35; 2 qt., .60; 1 gal., \$1.00

STERLINGWORTH
SULPHUR CANDLES

These candles are the most satisfactory Sulphur Fumigating Candles made. They burn three hours.

Prices: .10 each; Postpaid .15; One Doz., \$1.10 postpaid.

STERLINGWORTH
WEED KILLER

It is a powder for use by dissolving in water. It kills all weeds in walks, drives and tennis courts where no vegetation is wanted. It is applied with an ordinary watering pot. One pound

makes ten gallons.

Price: 1 lb., .50.

STERLINGWORTH
NO-SCAB

For preventing potato scab, oat, wheat and grain. Mix one pound to fifteen gallons of water. Directions on label.

Price: 1 lb., (1 pt.) .50.

STERLINGWORTH
SHEEP DIP

A standard preparation for preparing an effective and economical dip for ridding sheep of ticks, lice and scab.

One gallon makes 56 by mixing with water.

Prices: 1/2 gal., .70.

STERLINGWORTH
LICE POWDER

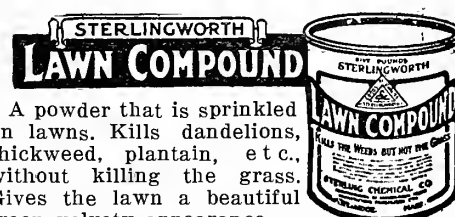
We claim that Sterlingworth Lice Powder is the one best lice powder. You can see the dead lice drop from the bird treated with this powder. If it is not better than any lice powder you have ever used we will cheerfully return your money.

Prices: 5 oz., .10; 15 oz., .25; 48 oz., .50.

STERLINGWORTH
DIARRHOEA REMEDY

This is a money back guaranteed remedy for white diarrhoea in young chicks and for all bowel trouble in grown fowls. It is the original White Diarrhoea Remedy. It is a powder to be used in the fowls' drink.

Prices: 25 and 50 cents postpaid.

STERLINGWORTH
LAWN COMPOUND

A powder that is sprinkled on lawns. Kills dandelions, chickweed, plantain, etc., without killing the grass. Gives the lawn a beautiful green velvety appearance.

Prices: 5 lbs., .60.

STERLINGWORTH
CREOLUSOL

An ideal liquid Disinfectant, Germicide, Cleanser and Deodorizer. Has great healing properties. It is a powerful antiseptic and purifier and one of the best disinfectants for private or public sanitation. Full directions on each package.

Prices: 1 qt., .50; 2 qts., .90; 1 gal., \$1.50.

STERLINGWORTH
BORER OIL

For squirting into the holes made by the Flat or Round-head tree borers. An ordinary oil can is just the thing for applying. Directions on can.

Prices: 1 pt. can, .25 each.

INSECTICIDES & FUNGICIDES—Cont'd


STERLINGWORTH
CUT WORM KILLER

A coarse powder for sprinkling near plants to be protected. It has an enticing odor, and cut worms prefer it to vegetation. No guess work about its effectiveness; it gets them every time. The dead cut worms "tell" the story. One pound is sufficient for 100 plants in hills and 100 lineal feet in rows. Stop feeding your plants to cut worms.

Prices: 1 lb., .25. Prices on larger quantities on application.

STERLINGWORTH
KEROSENE EMULSION


It kills the green plant louse, scale and most soft bodied and sucking insects.

Prices: 1 pt., .25; 1 qt., .40.


STERLINGWORTH
LIQUID BORDEAUX

A fungous remedy in the form of a thick paste. It is a preventative of rots, rusts and blights, mildews, etc., on fruits and vegetables. One gallon makes 10 to 50 gallons of mixture ready to use by adding water.

Prices on application.

Sterlingworth Dry Bordeaux and Paris Green Compound

This is a dry Bordeaux powder to which has been added a poison and so mixed as to be an insect killer as well as a fungous remedy.

Prices on application.


STERLINGWORTH
FISH OIL SOAP

Kills most sucking insects on trees, plants, vines and rose bushes. To use, cut in in shavings and dissolve in water. Contains tobacco extractive matter.

Prices: 1 lb., .20.

STERLINGWORTH
AR-BO


A combined insect killer and fungous remedy. It does what Bordeaux, Paris Green and Arsenate of Lead will do, all with one spraying. It contains a sticker that makes it stick like glue. It is the best spray made for potatoes. It kills the bugs and prevents blights, rots, rusts at one application. Excellent for apple, pear and small fruits and vegetables. Controls the apple maggot, codling moth, canker worm, bud moth, kills hundreds of eating worms and insects and prevents scores of fungous diseases that attack vegetables and fruits. Ar-Bo is the great potato spray. Its use on potato gives the crop in many instances as much as three weeks longer in which to mature. Every day's additional growth on the last end of the growing period means larger tubers. Do not think of trying to raise potatoes without it. Use it once and you will never use anything else. It is a paste about the consistency of thin putty and is made ready for use by mixing at the rate of one pound to five gallons of cold water. It does not clog the spray nozzle. Apply with any hand or power spray pump. Full directions on label.

Prices on application.


STERLINGWORTH
SCALE KILLER

It kills San Jose Scale and Oyster Shell Scale when properly applied, and helps protect trees from reinfestation. It covers more surface, is more effective and cheaper. It is easier to use than sulphur sprays. Kills every scale it strikes. It is a miscible oil for mixing with water. One gallon makes 12-15 gallons by mixing with cold water.

Prices: 1 qt., .35; 1 gal., \$1.00.

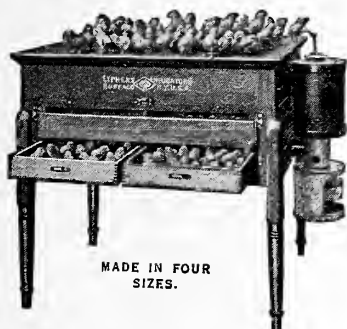
STERLINGWORTH
POWDERED HELLEBORE


For use against leaf-eating insects such as rose slugs, currant worms, cabbage worms and many other leaf-eating insects where mild poison is required, as Powdered White Hellebore.

Prices on application.

INCUBATORS, BROODERS AND HOVERS

WE ARE AUTHORIZED AGENTS FOR

GENUINE **Cyphers Company Incubators** PATENTED

MADE IN FOUR SIZES.

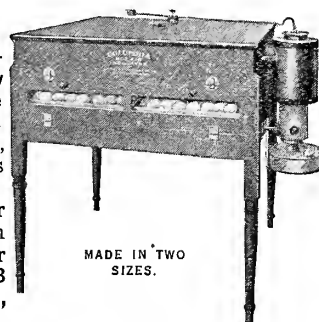
STANDARD CYPHERS INCUBATORS

These are machines that for fifteen years and more have been recognized as the "Standard hatchers of the world." Tens upon tens of thousands of them have been sold and are in successful use in every civilized country on the globe. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a penny being spared anywhere in their construction to make sure of their doing satisfactory work in all climes, under widely different conditions, in the hands of all sorts of people. They are built to hatch and to last. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every

purchaser who will give it a fair trial. Are built in four popular sizes and at prices as follows: 70 Egg size, shipping weight 93 lbs., \$15.00; 144 egg size, shipping weight 145 lbs., \$23.00; 244 egg size, shipping weight 195 lbs., \$34.00; 390 egg size, shipping weight 245 lbs., \$40.00.

COLUMBIA HOT-AIR INCUBATORS

Are built to meet the wide-spread demand for large-capacity, lamp-heated machines that can be sold at surprisingly low prices and yet be guaranteed to do high-class work. Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. Seamless-bottom lamp bowls, best quality brass burners, zinc and steel standard Cyphers toggle-joint thermostat and same regulating equipment as used on highest priced machines. Fume proof, forced draft heater asbestos covered and metal banded. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under trays. Are made in two sizes: 140 eggs, shipping weight 83 lbs., price complete \$16.00; 250 eggs, shipping weight 114 lbs., price complete, \$22.00. Fully guaranteed.



MADE IN TWO SIZES.

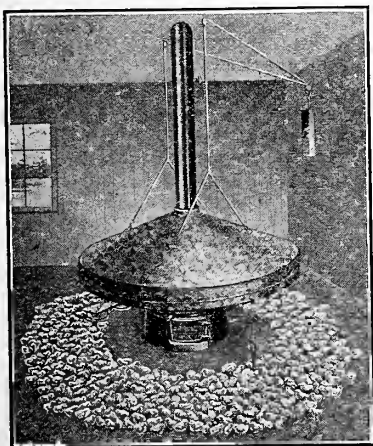
CYPHERS COAL-BURNING COLONY HOVER

This Hover combines the best that twenty years of poultry experience, coupled with more than fifty years of stove-building experience have accomplished to date. It is remarkable for its simplicity of design and ruggedness of construction. The fire pot is a one-piece heavy-weight casting of ample capacity. The ash pit and heater base are also cast in one piece—therefore is fire-tight. Automatic regulator is provided, which we recommend for the sake of economy of fuel; also for use in severe weather.

There is nothing about the entire device to give way or break easily, or to get out of order. It is as easy to operate as a kitchen range and can be relied upon to do the work for which it is intended.

PRICES

- Outfit No. 2.—Small Heater, 42-inch dome, with automatic Regulator, shipping weight 150 lbs., capacity 300 to 600 chicks \$25.00
 Outfit No. 6.—Large Heater, 42-inch dome, with automatic Regulator, shipping weight 160 lbs., capacity 300 to 600 chicks \$27.00



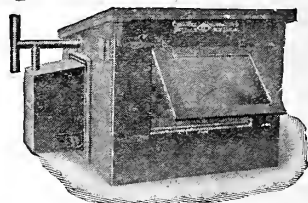
INCUBATORS, BROODERS AND-HOVERS, Cont'd

Cyphers Company Brooders and Hovers

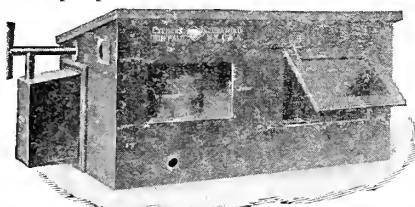
STANDARD CYPHERS BROODERS

The Standard Cyphers Brooders are not only fire-proofed and insurable, but are most durable, convenient and most efficient indoor and outdoor brooders thus far invented and placed on the market. They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can therefore depend upon an even, steady temperature in the hover, and a lively, thrifty growing lot of chickens.

These Cyphers 1916 Brooders, all sizes and styles, are self-regulating, self-ventilating and varment-proof. They are usable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.



Style A. Two Apartment Brooder



Style B. Three Apartment Brooder

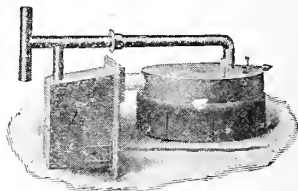
second, hover chamber; third, well-lighted exercising apartment. It has often been said by users of Cyphers Brooders that "They Mother the Chicks Better than a Hen."

Style A. 2-Apartment Outdoor Brooder, Shipping Weight 135 lbs. \$14.50
 Style B. 3-Apartment Outdoor Brooder, Shipping Weight 200 lbs. 18.50
 Style C. 3-Apartment Outdoor Brooder (for cold climates) Ship. Wg't 210 lbs. 20.00

CYPHERS ADAPTABLE HOVER

The Cyphers Adaptable Hover is self-regulating and self-regulating. It supplies a continuous flow of fresh, pure, warmed air under the hover, and at the same time maintains a steady, uniform heat. All the essentials of successful brooding of chicks are automatically provided. Thousands of poultry growers use this hover in raising big, strong flocks of chicks. It is "adaptable" to use in Colony Coops, in portable houses, in home-made brooder coops, such as dry goods boxes, piano boxes and organ cases, as well as in large brooding houses. It is constructed entirely of non-combustible material, and bears the fire underwriters' Inspected Brooder label. Capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old.

Price of Cyphers Adaptable Hover, Shipping Weight 38 lbs. \$9.00

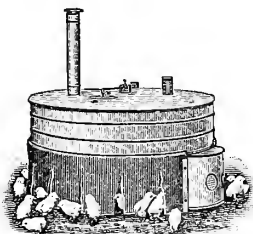


CYPHERS PORTABLE HOVER

The Cyphers Portable Hover is the only self-regulating and self-ventilating Portable Brooding Hover thus far invented, and we guarantee it to be the best brooding device of the kind on the market. As it is equipped with the same high-grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and infallibly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This Portable Hover, as its name indicates, can be picked up at any time, all complete, and moved about without hindering its operation. Very convenient for cleaning and moving. Rated capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old.

Price of Cyphers Portable Hover, Shipping Weight 38lbs. \$9.00



INCUBATORS, BROODERS AND HOVERS, Cont'd

BUCKEYE INCUBATORS

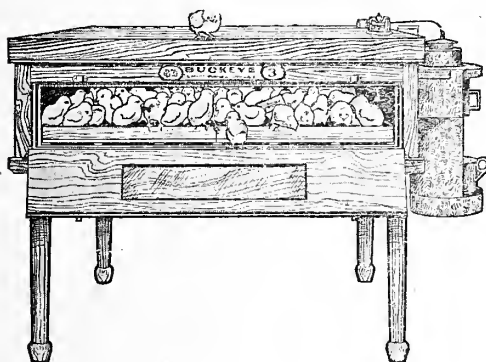
The "STANDARD" Hot Water Hatching Device

GUARANTEED TO HATCH EVERY HATCHABLE EGG

During the 24 years that Buckeye Incubators have been on the market they have earned the reputation of being "The most satisfactory hatching device that has ever been produced."

These incubators will not only hatch more chicks and stronger chicks than any other incubator, but in addition to that, they are so simple that a beginner can operate them just as successfully as an experienced poultryman.

Each and every Buckeye is sold under an absolute guarantee to hatch every hatchable egg and we have no hesitation in recommending to our trade under that guarantee, because we have sold hundreds of them during the past five years that have given our customers the most remarkable hatching results.



BUCKEYE INCUBATORS

STYLES E and H

- No. 14 Capacity 60 Eggs, Style E Low Down Shipping Weight 55 lbs. \$ 7.50
- No. 15 Capacity 60 Eggs, Style H, Shipping Weight 75 lbs. 9.50
- No. 16 Capacity 110 Eggs, Style E, Shipping Weight 85 lbs. 12.50
- No. 17 Capacity 200 Eggs, Style E, Shipping Weight 125 lbs. 17.50



- No. 150 Kant Krowd Hover, 125 to 150 Chicks, Shipping Weight 100 lbs 9.50
- No. 75 Kant Krowd Hover 60 to 75 Chicks, Shipping Weight 60 lbs \$7.50

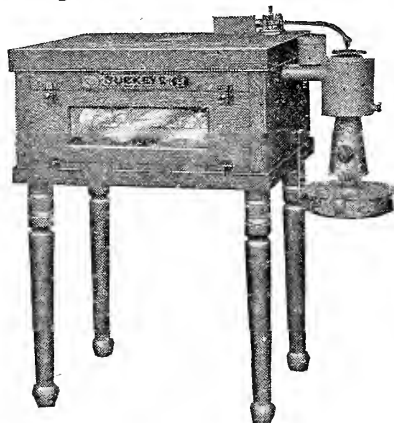
"STANDARD" Buckeye Incubators

These incubators bear the Underwriters Fireproof Label.

Equipped with every desirable device to be found on any incubator.

Guaranteed to hatch every hatchable egg and remain in perfect working order for 5 years.

- | | |
|-----------------------------------|---------|
| No. 1 Capacity 110 Eggs, Shipping | |
| Weight 110 lbs. | \$17.50 |
| No. 2 Capacity 175 Eggs, Shipping | |
| Weight 135 lbs. | 22.50 |
| No. 3 Capacity 250 Eggs, Shipping | |
| Weight 200 lbs. | 28.50 |
| No. 4 Capacity 350 Eggs, Shipping | |
| Weight 230 lbs. | 33.50 |



BUCKEYE STYLE H

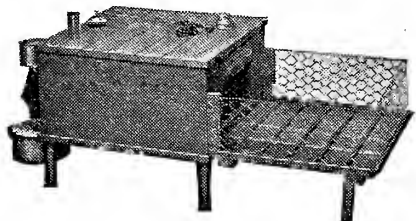
KLOSE
KONTACTKANT
KROWDPORTABLE HOVER
OR ARTIFICIAL MOTHER

Constructed after nature's own plan. The only Hover ever invented that completely safeguards the little chicks regardless of the operator's carelessness or the foolish inclinations of the chicks themselves.

INCUBATORS, BROODERS AND HOVERS, Cont'd

Buckeye Brooders

It is a matter of record that poorly constructed brooders are responsible for the death of more chicks than all other causes combined, so we consider it most advisable to call particular attention to the importance of using a type of brooder which we know will properly care for the chicks after they are hatched.



INDOOR BROODERS

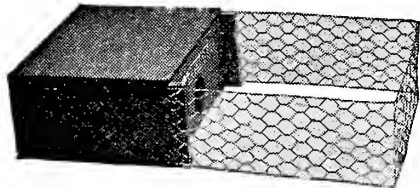
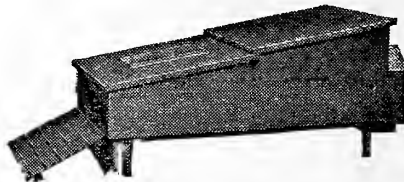
Top heat—circulating hot water. Self-regulating.

- No. 1—Capacity 60 chicks, shipping weight 50 lbs., \$ 7.50
 No. 3—Capacity 100 chicks, shipping weight 80 lbs., 10.00

OUTDOOR BROODERS

Top heat—circulating hot water. Self-regulating—storm proof.

- No. 2—Capacity 50 chicks, shipping weight 90 lbs., \$12.00
 No. 4—Capacity 100 chicks, shipping weight 100 lbs., 18.00



LAMPLESS BROODERS

No artificial heat required.

- No. 5—Capacity 25 chicks, shipping weight 7 lbs., \$1.50
 No. 6—Capacity 50 chicks, shipping weight 10 lbs., 2.50

INTERNATIONAL SANITARY HOVERS

Advantages possessed by the International Sanitary Hover and not to be found in any other brooding device.

1. It is warmer at the curtain than near the center. This causes the chicks to distribute themselves just back of the edge of the



curtain where they have a constant supply of fresh air and plenty of room.

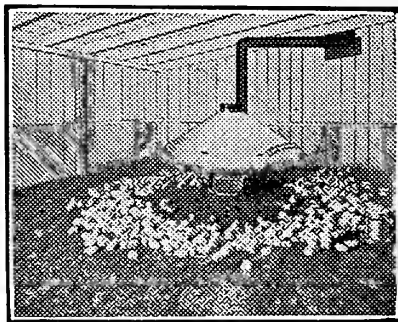
2. It is entirely circular and has no corners for the chicks to crowd into.

3. The lamp holder can be lifted out thru the top of the hover by a person standing up. This makes it unnecessary for the operator to kneel in dust or mud to tend his lamp.

It gives ample heat under the hover without so heating the surrounding floor space as to cause leg weakness among the chicks.

Send for Full Descriptive Catalog.

Price, \$8.50



NEWTOWN COLONY BROODER

Coal-burning, Self-regulating.

Instead of spending time and energy attending ten or more small brooders, and caring for the same number of small flocks, the poultry raiser now rears 500 or 1200 birds around one Newtown Colony Brooder that burns coal and automatically regulates its own temperature.

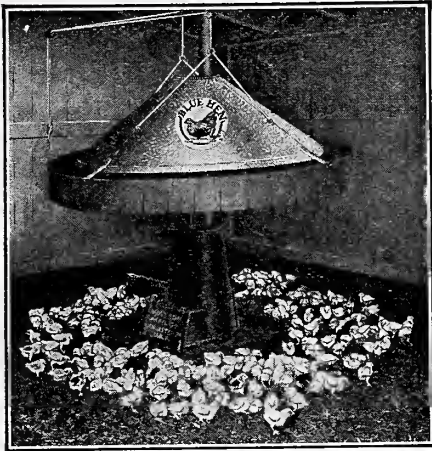
Instead of increasing the cost of insurance on his building or taking big chances of destruction by fire of his plant and chicks, as a result of burning oil, coal-burning Newtown Colony Brooders are now employed which are just as safe as the kitchen range.

Come and see the one set up at our store.

Descriptive circular and prices sent upon request.

INCUBATORS, BROODERS AND HOVERS, Cont'd

Blue Hen Colony Brooders



BLUE HEN HOT AIR BROODER HOT WATER

Blue Hen Hot-Water Brooder, mechanical excellent and scientific principles combine. This is why users of the Blue Hen meet with such phenomenal success.

Poultry Feeds

STERLINGWORTH CHARCOAL



Is especially prepared for poultry, carefully screened and is different than other charcoals. Goods are put up in 50-pound burlap bags and in 2-pound paper cartons, in four sizes as follows:

Fine Powdered for Mash Food for Ducks also Cattle and Hogs.

Fine Granulated for Brooder Chicks and Dry Chick Food Mixtures.

Medium Granulated for Half Grown Fowls, Pigeons, etc.

Coarse Granulated for Full Grown Fowls, Geese, Turkeys, etc.

Prices: 50-pound bags, 85c each; 2-pound cartons, 10c each. Larger quantities a matter for correspondence.

DR. HESS' POULTRY PAN-A-CE-A

Contains tonics that aid the digestion; it also contains iron for the blood and nitrates to expel poisonous material thro the skin; it is the only reasonable way to produce eggs without stimulants that are injurious.

1½ lb. pkg., .25; 5-lb. pkg., .60; 12-lb. pkg., \$1.25; 25-lb. pail, \$2.50.

HOT AIR

The Blue Hen Hot-Air Brooder is the culmination of twelve years' experience in the manufacture of poultry appliances. It is made "on honor." More than this, it is made absolutely to meet the natural and scientific demands of the young and growing chick. There is nothing flimsy about the Blue Hen. Every part is made to stand hard usage and should last a lifetime.

Whether amateur or expert, you can successfully raise 100 to 1000 chicks with no more trouble than raising a half hundred. In thirty minutes it can be set up in the brooder house, adjusted and fire started. It requires no attention except replenishing the coal and taking out the ashes every two or three days.

Descriptive circulars and prices sent upon request.

High Grade Beef Scraps.

Fine Cracked Bone for Chicks.

Coarse Cracked Bone for Fowls.

Feed Grains of all kinds.

CONKEY'S POULTRY REMEDIES

Conkey's Cholera Remedy	25 and 50c
Conkey's Roup Remedy	25 and 50c
Conkey's White Diarrhoea Remedy 25 & 50c	
Conkey's Poultry Tonic	25c
Conkey's Head Lice Ointment	10 and 25c
Conkey's Lice Powder	10 and 25c
Conkey's Lice Liquid	35c
Conkey's Laying Tonic	25 and 50c
Conkey's Nox-i-cide Disinfectant	35c

MICO SPAR CUBICAL GRIT

Does not become smooth, but retains its cubical form until entirely worn out.

No. 1. For Turkeys.

No. 2. For Fowls.

No. 3. For Growing Chicks, Pigeons, Ducks.

No. 4. Extra Fine for Chicken Food.

Price per 100-pound bag, .70

OYSTER SHELLS

Crushed and ground to the size which expert poultrymen agree to be the best. Every pound of shell we sell is all shell and no waste. Price in quantities quoted on application. 100-bag, .70

"PURITY BRAND" POULTRY FEEDS

ALWAYS READY

NO WASTE

NO DIRT

Our trade-mark brand of Poultry and Chick Feeds represent strictly high-grade mixtures—manufactured from Sweet, Sound, Cracked Grains and Seeds—scientifically proportioned and in sizes best adapted for feeding, carefully sifted and re-cleaned. No pains are spared to produce Feeds of the greatest value—best quality and uniform grade—the standard of which is maintained at all times.

It is a recognized fact that sound and sweet grain contains a larger percentage of nutriment, strengthening and fattening properties, naturally producing better and quicker results than unsound, damaged and musty material.

"CRESCENT" now GLOBE CHICK FEED

A Complete Grain Feed for Chicks from time they are hatched until 8 or 10 weeks old.

CLEAN SOUND SWEET



A standard mixture of re-cleaned Cracked Grains and Seeds, Hulled Oats, fine Granulated Bone and fine Charcoal. Specially selected for size, and composed of ingredients necessary in promoting healthy and rapid growth.

This is the critical period of chick life, and Globe Brand is prepared especially to meet the emergency. It produces healthy and rapid growth, and is intended for feeding until the chickens are large enough to be fed the coarser Developing Feed.

"COLONIAL" now GLOBE DEVELOPING FEED



An Intermediate Feed for Growing Chicks.

A Coarse Grain Chick Feed to meet the requirements of growing chicks from the time they have outgrown the Globe Chick Feed until large enough for Globe Scratch Feed.

Screened and graded to adaptable size. Mixed and re-cleaned by the most approved methods. This feed like all other "Dickinson's Brands," is composed of the choicest materials obtainable.

"GLOBE" SCRATCH FEED

A Balanced Grain Ration Poultry Feed for Grown Fowls. Suitable at All Seasons.

CLEAN SOUND SWEET



Under this brand we offer our standard mixture of Poultry Feed manufactured from selected Cracked and Whole Grains and Seeds, scientifically mixed to furnish a complete balanced ration, with an assortment of material best adapted

for rapid growth and egg production. The protein, fat and carbohydrates are so maintained as to form the greatest feeding value and produces the best results.

QUEEN POULTRY MASH

Contains Alfalfa Meal During Winter.

Proportions changed to meet requirements of different seasons.

CLEAN SWEET SOUND



A selected mixture of ground feeds manufactured from the choicest, sound, sweet and wholesome grains. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl.

Splendid bone builder and especially helpful during the molt. Also contains Beef Scraps and Charcoal, recognized necessities for health and egg production.

GLOBE EGG MASH



Invaluable as a Supplementary Feed for Winter Laying. 15% Meat Scraps and Oil Meal—16-18% Protein. Can be fed dry or moistened as preferred. The regular grain ration should be supplemented

once a day by some mixture of ground feed containing high protein. An Ideal Feed for Growing Fowls and Laying Hens.

PURITY ALFALFA MEAL MEDIUM CUT

As an accompaniment to the mash fed by some, and the dry feed by others, a vegetable food is indispensable, in fact, no mash is complete without it. Among green feeds, Alfalfa stands at the top, and when used with the mash, Medium Cut Alfalfa is mixed dry with other foods, and scalded or boiled with them, as the poultryman desires. When fed in connection with dry grains it should be scalded in a trough or other vessel and left for the fowls to eat at will.

All Feeds listed above come in 100 pound bags.

Samples and prices on request.

POULTRY SUPPLIES

BOSTON DRY-FOOD HOPPERS



The Boston Hopper—all sizes—hangs against the wall or can be placed on the floor or ground. The swinging grid or metal guard prevents the fowls from wasting the food. The Hopper can readily be "locked" at night

(or in the day-time) by simply hooking the grid to the front section at the lower end—thus making the device rat-proof.

The use of these hoppers will positively save their original cost every week in the case of adult fowls.

Prices: Large: For Dry Feed: 17 in. high, 8 in. deep, 13 in. wide. Holds $\frac{1}{2}$ bushel.

Each \$1.00

Small: For Meat Scrap, Grit, Etc.: 17 in. high, 8 in. deep, 7 in. wide. Holds 1 peck.

Each90

SANITARY GRIT AND SHELL BOX

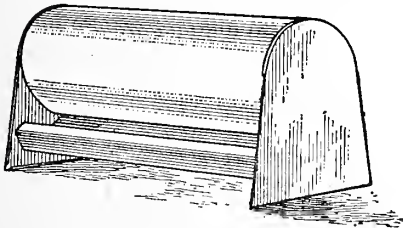


Is manufactured of the best galvanized iron and contains three apartments for food, shells or grit. It can be hung up against the wall at and height desired, and is a thoroughly first-class article.

By the use of this self-feeding box every particle of grit, shells or food will be properly used and waste prevented, thus increasing the profits.

Price, each, .50

HUB CHICKEN FEEDER

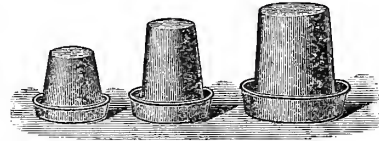


Very sanitary and keeps feed clean and dry. Chickens cannot get into it and will not waste the feed.

Prices, 9-inch., .35; 15-inch., .50

SEPARABLE DRINKING FOUNTAINS

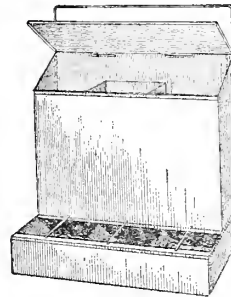
Low-Priced—Easy to Clean—Will Last Many Years



DRINKING FOUNTAINS are made of heavy galvanized iron by the use of steel dies—in four sizes. The smaller size (1 quart) is designed for chicks, and is especially handy for use in brooders, nurseries, etc. The medium size (2 quarts) is for larger chicks and ducklings, or for small or medium-sized flocks of fowls. The $3\frac{1}{2}$ -quart size is designed for large chickens, ducklings and adult fowls. The largest size holds two gallons and is used extensively by breeders of ducks and large flocks.

Prices, Each: Small size, 20c. Medium size, 25c. Large size, 35c. Special duck size, 60c.

POULTRY FEEDER



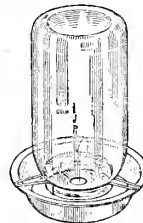
Our popular 1-2-3 Poultry Feeder can be used as a one, two or three apartment feeder, by simply changing the dividing walls. Perfectly sanitary and clean.

Price, small, .60
Large, .75

CYPHERS X-RAY EGG TESTER

The Cyphers X-Ray Egg Tester is made of the best block tin and consists of a central cylinder or lamp flue, $5\frac{1}{4}$ inches high, with an outside diameter of $2\frac{5}{8}$ inches at the base and $2\frac{3}{8}$ inches at the top. It is designed for use in an ordinary hand lamp, fits over any style of burner with a diameter approximating that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg.

Price: 25c each; postpaid, 30c



NO-SLOP CHICKEN FOUNT

Can use any size Mason jar thus making a clean, sanitary low-price Fountain.

Price: 15c each; 2 for 25c

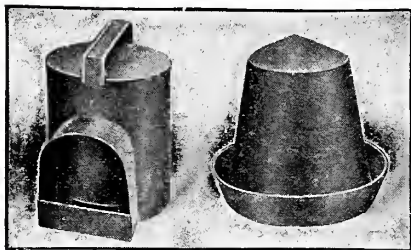
POULTRY KILLING KNIVES

These knives made of the best steel and of special design.

Price, .50 each.

POULTRY SUPPLIES, Cont'd

2-PIECE DRINK FOUNTS



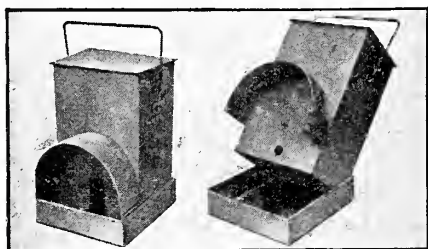
Black Iron, galvanized after fount has been completed. This assures a smoother, better-looking fountain and keeps the edge at the top from rusting. When the galvanizing is done first, turning the edge cracks it and makes it liable to rust.

Small, .20; Medium, .25; Large, .35
WALL FOUNTS

All these wall founts have hoods over the troughs, which prevent dirt from settling in the water. Can be hung up on wall, and for this reason are preferred by many to the 2-piece fount, which must be placed on the floor.

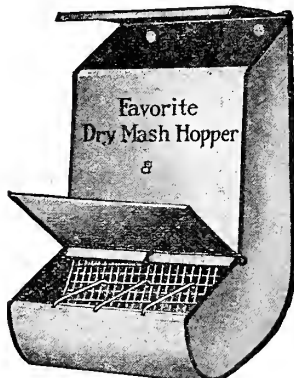
1 Gal., .60; 2 Gal., .75

DROP-BOTTOM FOUNTS



28-gauge galvanized steel. Easiest thing in the world to open and clean. Clasp by which the bottom is fastened fits over the small hole under the hood, preventing slopping of water when the fount is handled. Solid brass hinge rod—no rust.

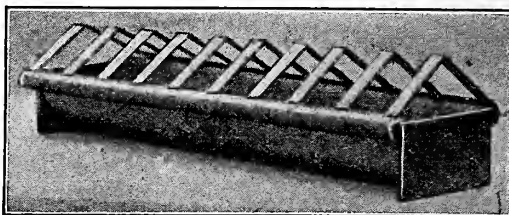
2 Quart, .45; 1 Gal., .60



inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog.

12-in. 12 qt., Price \$1.10; 18-in. 18 qt., Price \$1.50; 24-in. 24 qt., Price \$1.75.

CHICK FEED TROUGHS



The only rounded chick feed troughs on the market. No trouble to clean them. The grate slides easily on and off—a feature not found in any other chick troughs. The grate also serves as a handle, and is so slanted that the chicks cannot roost on it. Two sizes—10-inch and 20-inch.

10-inch, .30; 20-inch, .50

ROUND-BOTTOM DRY-FOOD HOPPER

The hopper you will eventually buy. Sure to replace all other makes of dry-food hopper. Owing to the rounded bottom, dry mash and beef scrap feed readily and never clog. An "H-I" specialty that we're proud of.

Price with lid .75

"NEW MODEL" CLOVER CUTTER

For Poultry

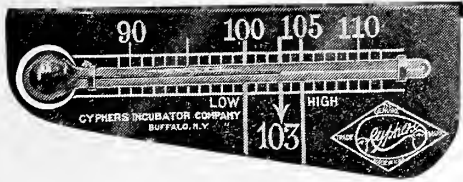
Just the cutter for the poultry raiser. Cuts all kinds of feed, either green or dry. Has removable steel knives, adjustable cutter bar. It runs easy, cuts fine, and is durable. With four 7-in. knives. Price, \$8.75

MANN'S NEW MODEL OPEN CYLINDER GREEN BONE CUTTER

5C, with Crank Handle	\$ 6.00
5B, with Balance Wheel	8.00
5BM, with Bal. Wh. and Iron Stand	10.40
7, with Bal. Wheel and Iron Stand	12.00
9, with Bal. Wheel and Iron Stand	18.40
11, Power Machine	26.00
12, Power Machine	30.00
15, Power Machine	60.00

Favorite Dry Mash Hopper

Years of experience with this type of Hopper, with changes from time to time to improve it, has enabled us to put on the market a Dry Mash Hopper that fulfils every need. The wire grid is raised or lowered as required for coarse or fine mash. The curved bottom of the hopper always keeps the feed within easy reach of the birds. The flange at the edge prevents any possibility of waste and the small wires extending from the flange to the wire grid prevent the birds from throwing the feed sideways out of the hopper. The most distinctive feature about this Favorite Dry Mash Hopper is the fact that it is an

POULTRY SUPPLIES, Cont'd**CYPHERS SAFETY BROODER STOVE****HIGH GRADE TESTED THERMOMETERS**

Cyphers Incubator Thermometer, for use in Cyphers Incubators, each, postpaid, 60c.

Buckeye Incubator Thermometer, 60c.

BROODER THERMOMETERS.

Brooder Thermometers mounted on wooden holder, each 65c.

Hover Thermometers, 50c.

LAMP WICKS.

For incubator lamps, 25c per dozen, postpaid. These wicks come in two sizes; state size wanted.

Wicks for Brooder Stoves, 20c per dozen, postpaid.

WIRE NESTS

These nests are strongly made from heavy japanned steel wire and will last a lifetime. They are easy to clean and far superior to the ordinary wood boxes.

Prices, each, 15c; per doz., \$1.50.

LEADER ADJUSTABLE LEG BANDS.**The Best Yet.**

Latest and best adjustable leg band out. Has neat, compact, and smooth fastening with no catching points; easily attached and are absolutely secure. Are made from heavy aluminum and are strong and substantial, and will hold their shape much better than bands made from thin, flimsy stock.

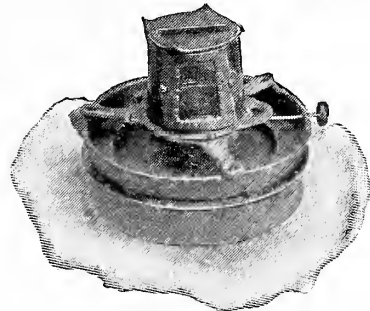
Made in two sizes: No. 1 for Bantams; No. 2 for Americans and turkeys.

Prices postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c.

THE ECONOMY OATS SPROUTER.

The best device for producing clean sprouted oats. Has five perforated pans each 16 x 17 inches, and one drip pan at bottom. No lamp, no danger, very durable, compact. Green food all winter if you use the Economy Oats Sprouter which means bigger egg yields consequently, more profit.

Write for circulars and prices.



Cyphers Safety Brooder Stove consists of a brass oil fount and a safety water pan of the same metal, that holds nearly a quart of water and extends out over the entire surface of the oil bowl, thus placing a sheet of cold water an inch to an inch and a half in thickness between the oil in the oil fount or bowl, and the flame.

Price each, \$1.75.

The Norwich Automatic Feeder and Exerciser.

Will actually pay for itself in 30 months' time in saving of grain. One of the secrets of successful poultry is giving them exercise. This will do it. Send for complete descriptive circular.

Prices

8 qt.	\$2.50
14 qt.	\$3.25
20 qt.	\$4.10
32 qt.	\$5.00

Positively guaranteed or money refunded.

GRENIER CAPONIZING SET.

Designed to simplify the operation of caponizing, so that the beginner can easily master it. This set consists of a lancet shaped knife, spring spreader, forceps, hook, ring probe and canula. Price in velvet lined case \$3.00

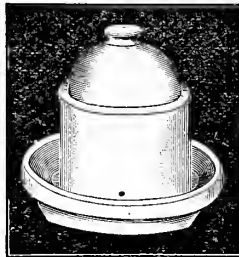
PORCELAIN NEST EGGS.

These Eggs are made of first-class Flint Glass. They do not break easily and will last indefinitely. Price each .03; per dozen .25.

POULTRY SUPPLIES, Cont'd**PEERLESS DRINKING
FOUNT**

Very easy to clean by simply removing the bottom. Can either be hung on the wall or by the bail. A very desirable fount.

Price, 5 qt., .65; 10 qt., .90

**EARTHENWARE DRINKING FOUNTAINS**

1/4 Gal., each\$0.20
1/2 Gal., each25
1 Gal., each30
2 Gal., each40

**PEERLESS BROODER
FOUNT**

Just the fount for your brooder. Can be set on the floor or hung on the wall with in reach of the chickens. Can be cleaned same as large founts.

Price, 1 qt., .30.

REMEDIES

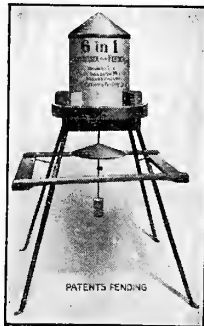
Haskell's Homeopathic Poultry Remedies are put up 10 tablets to a vial, each vial being labeled with complete directions and showing dosage and the disease which the remedy will prevent or cure. The vials are encased in strong, wooden, screw-capped mailing tubes, to prevent breakage. They are administered in the fowl's drinking water.

- No. 1, for Indigestion and Constipation.
- No. 2, for Rheumatism and Cramps.
- No. 3, for Colds.
- No. 4, for Bronchitis and Croup.
- No. 5, for Cholera.
- No. 6, for Vent, Gleet and Canker.
- No. 7, for Chronic Catarrhal Colds.
- No. 8, for Disorder of Egg Organs.
- No. 9, for Eye Diseases.
- No. 10, for Worms.

When ordering specify number required.

Price, per vial, postpaid, .40 each.

The 6 in 1 Exerciser and Feeder



IS JUST what its name implies. It is a large, rust-proof, galvanized, steel hopper supported on four strong iron legs and devised to hold all the food necessary for poultry. The center hopper holds the mixed grain food, generally composed of cracked corn, wheat, Kaffir corn, buckwheat, barley, oats, etc., and is so constructed that an agitator underneath, containing whole corn as bait, can be worked by the fowls to scatter broadcast a small amount each time of the dry grain mixture. It gives the hens the necessary exercise hunting for the grains. Surrounding this center hopper are six compartments made to contain dry mash, beef scraps, grit, charcoal, oyster shells, etc., easily accessible to the fowls, and the feeder is so constructed that no food is wasted. The cover is conical in shape, preventing roosting upon it.

Price, 20 qts., \$3.75

DR. HESS INSTANT LOUSE KILLER

Destroys lice on poultry, stock of all kinds and ticks on sheep. It is a powder put up in round cans with perforated top, and sold on a written guarantee. Price per pkg., .25.



Trade—HASKELL'S—Name Roup Cure

Guaranteed to Relieve or Money Refunded.

Haskell's Roup Cure is put up in one size package only. This package contains sufficient remedy for making 25 full strength gallons of the remedy.

We guarantee Haskell's Roup Cure, when used in accordance with directions on each package, to relieve roup, and will refund the purchase price if it fails to cure, except in cases where the fowls have reached the last and incurable stages of the disease.

Price .50

Try our Globe Chick Feed, and Globe Scratch Feed; it will pay you.

MYERS LINE OF PUMPS

We carry the most complete line of Pumps in this section. We have it whether you want it for house, barn or orchard. House pumps, well pumps, for all conditions including spraying pumps and pumps for pneumatic water systems, whether hand or power. If it's a Myers it is right.

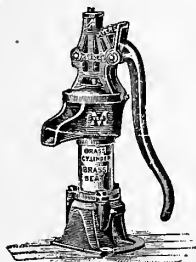


Fig. 1665

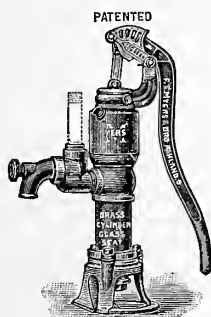


Fig. 1664

- No. RS251, Cog Gear House Force Pump, 3 in. Brass Lined Cylinder. Tapped $1\frac{1}{4}$ in. Pipe. List Price \$8.50
 No. RS253, Cog Gear House Force Pump, $3\frac{1}{2}$ in. Brass Lined Cylinder. Tapped $1\frac{1}{2}$ in. Pipe. List Price \$9.50
 Cock Spout on either of above pumps, Fig. 911, add to list \$1.00

MYERS BRASS, BRASS LINED AND POLISHED IRON CYLINDERS

Our Brass Lined Cylinders are constructed with an outer shell of cast iron, in which is placed a heavy seamless drawn brass tube, ends of which are swaged out by our patent roller process to fit bevel on outer shell. They are fitted with our single or double leather plunger, and are guaranteed to give satisfaction.

Myers Brass Cylinders, with Glass Valve Seat, capped outside, are especially adapted for drilled wells of small diameter. They are made of the best quality seamless drawn brass, have our special brass sand plunger, and are first class throughout, to which we invite the most critical examination and comparison with other makes. Experienced well and windmill men invariably use our cylinders when acquainted with their advantages. When installed they save many expensive trips and much annoyance—the job is satisfactory from the time it is finished.

THE MYERS LONG STROKE COG GEAR BRASS CYLINDER PITCHER PUMP

PRICE LIST, Represented by Fig. 1665.

- No. R220, 3-in. Br. Cyl. Cog Gear Pitcher Pump, with patent glass valve seat. Tapped $1\frac{1}{4}$ inch Pipe. List Price \$5.00
 No. R222, $3\frac{1}{2}$ in. Br. Cyl. Cog Gear Pitcher Pump, with patent glass valve seat. Tapped $1\frac{1}{2}$ inch Pipe. List Price \$6.00

MYERS COG GEAR HOUSE LIFT PUMP

With Siphon Spout and Glass Valve Seat.
 Similar to Fig. 1473 and 1664 only a Plain Lift Pump Instead of Force.

PRICE LIST

- No. R245, House Lift Pump 3 in. Br. Cyl., Tapped $1\frac{1}{4}$ in. Pipe. List Price \$5.50
 No. R247, House Lift Pump, $3\frac{1}{2}$ in. Br. Cyl. Tapped $1\frac{1}{2}$ in. Pipe. List Price \$6.50
 No. RS245, same as R245 but with 4 foot set length. List Price \$7.50
 No. RS247 same as R247 but with 4 foot set length. List Price \$8.50

PRICE LIST, Fig. 1664—Plain Spout Without Set Length.

- No. R251, Cog Gear House Force Pump, 3 in. Br. Cyl. Tapped $1\frac{1}{4}$ in. Pipe. List Price \$8.00
 No. R253, Cog Gear House Force Pump, $3\frac{1}{2}$ in. Br. Cyl. Tapped $1\frac{1}{2}$ in. Pipe. List Price \$9.00
 Cock Spout on either of above Pumps, Fig. 1664, add to list \$1.00

Fig. 1473—With 4 Foot Set Length—Anti Freezing.

- No. RS251, Cog Gear House Force Pump, 3 in. Brass Lined Cylinder. Tapped $1\frac{1}{4}$ in. Pipe. List Price \$8.50

- No. RS253, Cog Gear House Force Pump, $3\frac{1}{2}$ in. Brass Lined Cylinder. Tapped $1\frac{1}{2}$ in. Pipe. List Price \$9.50

- Cock Spout on either of above pumps, Fig. 911, add to list \$1.00

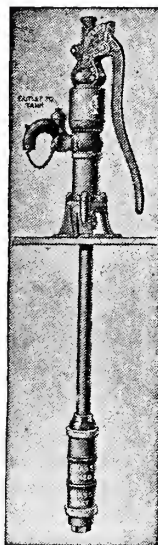


Fig. 1473

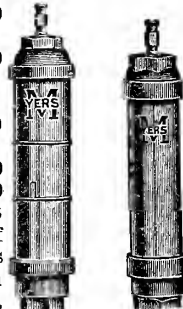


Fig. 976 Fig. 215



Driver Well Points

- | | | | |
|---|--------------------|------------------------------------|-------------------|
| No. 86— $1\frac{1}{4}$ in. x $1\frac{3}{4}$ ft. | List Price \$1.10. | No. 136— $1\frac{1}{2}$ in x 2 ft. | List Price \$1.65 |
| No. 98— $1\frac{1}{4}$ in. x 3 ft. | List Price \$1.90. | No. 144— $1\frac{1}{2}$ in x 3 ft. | List Price \$2.50 |
- List Prices Subject to Discount

MYERS OUTDOOR LIFT AND FORCE PUMPS



Fig. 792

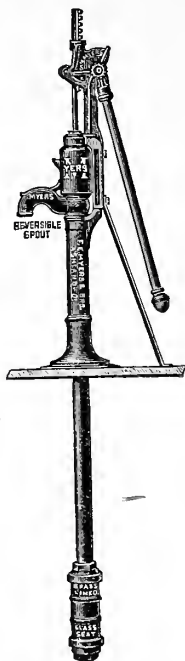


Fig. 1170

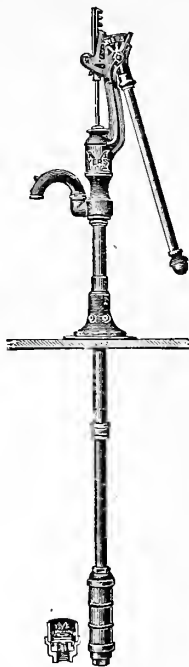


Fig. 1108



Fig. 1160

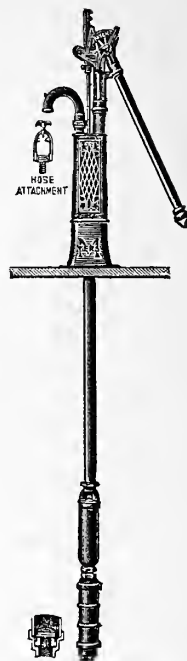


Fig. 1109

MYERS ADJUSTABLE BASE LIFT PUMP

- Fig. 792—No. 125—3½ inch polished iron cylinder, with iron seat, tapped for 1½ inch pipe. List Price \$ 7.00
- Fig. 792—No. 130—3½ inch brass lined cylinder, with brass seat, tapped for 1½ inch pipe. List Price 8.25
- Fig. 792—No. 130½—3½ inch brass lined cylinder, with glass seat, tapped for 1½ inch pipe. List Price 9.00

MYERS COG GEAR LIFT PUMPS

- Fig. 1108—No. R152—3 inch brass lined cylinder, with glass seat, tapped for 1¼ inch pipe. List Price \$ 8.00
- Fig. 1108—No. R154—3½ inch brass lined cylinder, with glass seat, tapped for 1½ inch pipe. List Price 9.00

MYERS COG GEAR STOCK LIFT PUMP

- Fig. 1170—R104—4 inch brass lined cylinder, with glass seat, tapped for 2 in. suction pipe. List Price \$13.50

MYERS COG GEAR BRANCH PIPE DOUBLE ACTING FORCE PUMPS

- Fig. 1160—No. R12—has a 2½ inch brass lined lower cylinder, with glass valve seat tapped for 1¼ inch pipe. List Price \$15.00
- Fig. 1160—No. R14—has a 3 inch brass lined lower cylinder, with glass valve seat, tapped for 1¼ inch pipe. List Price 15.00
- Fig. 1160—No. R16—has a 3½ inch brass lined cylinder, with glass valve seat, tapped for 1½ inch pipe. List Price 16.00

MYERS COG GEAR COMBINATION SHALLOW OR DEEP WELL FORCE PUMPS

- Fig. 1109—No. R184—has a 2½ inch brass lined lower cylinder with latest improved glass valve seat. The brass upper cylinder is 4½ feet below the platform, tapped for 1¼ inch pipe. List Price \$15.00
- Fig. 1109—No. R186—has a 3 inch brass lined lower cylinder with latest improved glass valve seat. The brass upper cylinder is 4½ feet below the platform, tapped for 1¼ inch pipe. List Price \$15.00
- Fig. 1109—No. R188—has a 3½ inch brass lined lower cylinder with latest improved glass valve seat. The brass upper cylinder is 4½ feet below the platform, tapped for 1½ inch pipe. List Price 16.00

MYERS COG GEAR SINGLE ACTING FORCE PUMPS

- No. R172—3 inch brass lined cylinder glass seat, tapped for 1¼ inch pipe similar to Fig. 1108 except it has curved malleable handle. List Price \$ 9.00
- No. R174—Same as R172 except it has 3½ inch brass lined cylinder. List Price 10.00

MYERS SINGLE ACTING FORCE PUMP WITH ADJUSTABLE BASE

- Fig. 792—No. 135½—has a 3 inch brass lined cylinder with glass seat, tapped for 1¼ inch pipe. List Price 9.00

LIST PRICES SUBJECT TO DISCOUNT

HASKELL IMPLEMENT & SEED CO., LEWISTON, MAINE
MYERS WINDMILL AND TANK PUMPS

53



Fig. 695

Fig. 695 Myers Siphon Windmill Power Pump

No. 159, with 2 inch cylinder, tapped for 1½ inch pipe, brass seat only.
 Price \$16.00

No. 160, with 2½ inch cylinder, tapped for 1½ inch pipe, suction and discharge. Price \$16.00

No. 161, with 3 inch cylinder, tapped for 1½ inch pipe, suction and discharge. Price \$17.00



Fig. 1374



Fig. 1287

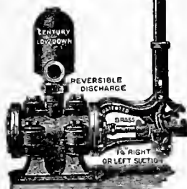


Fig. 1371

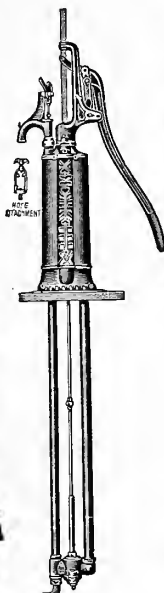


Fig. 722



Fig. 1159

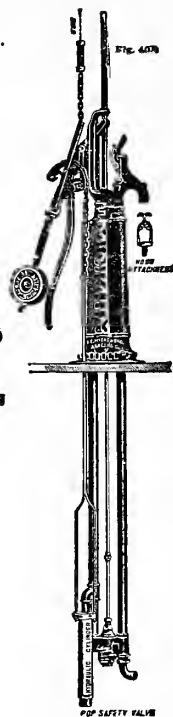


Fig. 405

MYERS COG GEAR BRANCH PIPE THREE-WAY SINGLE ACTING FORCE PUMPS

Fig. 1159—No. R227, with brass plunger tube without lower cylinder, tapped for 1¼ inch pipe. List Price \$13.00

Fig. 1159—No. R228, with brass plunger tube with 3 x 14 brass lower cylinder, tapped for 1¼ inch pipe. List Price \$19.00

MYERS SINGLE ACTING THREE-WAY WINDMILL FORCE PUMPS

Fig. 722—No. 238A, with plunger tube, with 3x14 inch brass lower cylinder. List Price \$22.50

No. 238, with stuffing box, with 3 x 14 brass lower cylinder. list Price 22.50

No. R238A, same as 238A except it has cog gear handle. List Price 22.50

MYERS WINDMILL REGULATOR FORCE PUMPS

Fig. 405—No. 241, fitted with 1½ inch 3-way, 3 x 14 brass lower cylinder and stuffing box. List Price \$31.00

Fig. 406—No. 243, same as Fig. 405 except fitted with plunger tube instead of stuffing box. List Price 31.00

MYERS COG GEAR LOW DOWN FORCE TANK PUMPS

Fig. 1287—No. R470, fitted with hose nipple, hose attachment, hose band and strainer. List Price \$11.25

Fig. 1371—No. R286, Century low down, double acting, 3 inch brass lined cylinder tapped for 1¼ inch pipe. List Price 15.00

Fig. 1374—No. R286A, Hydro Pneumatic Century low down, 3 inch brass lined cylinder, tapped for 1¼ inch pipe. List Price 18.00

LIST PRICES SUBJECT TO DISCOUNT

MYERS POWER PUMPS

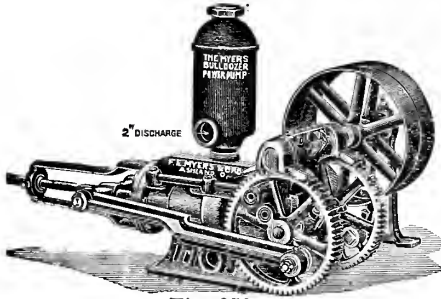


Fig. 959

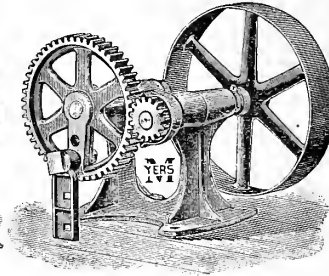


Fig. 1668

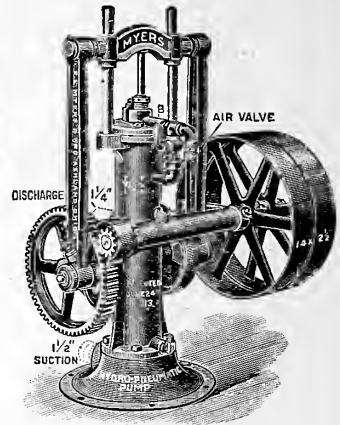


Fig. 1637

MYERS BULLDOZER POWER PUMPS

Fig. 959—No. 362, with 3 inch brass lined cylinder 5, 7½ and 10 inch stroke, 16 x 4 inch pulleys. Capacity 24 gallons per minute. Should be run 20 to 40 revolutions per minute, 2 inch suction and discharge. List Price \$75.00

Fig. 959—No. 502, with 3 x 5 brass lined cylinder, 14 x 2½ inch tight and loose pulleys, suction 1½ inch. Discharge 1¼ inch. List Price \$65.00

No. 502A, same as No. 502, but with 2 x 5 inch air compressor. List Price \$77.00

MYERS SIPHON POWER PUMPS

Fig. 1226—No. 373, with 2½ brass cylinder, suction and discharge tapped for 1½ inch pipe. Has 30 x 4 inch pulleys, 4 inch direct stroke. List Price \$45.00

No. 374, same as 373, but with 3 inch brass cylinder. List Price \$46.00

MYERS PUMP JACKS

Fig. 1605—No. 366, Back geared 6 to 1, 12 inch tight and loose pulleys. List Price \$10.00

Fig. 1668—No. 400, Junior, with 36 inch wood rod and handle connection, List Price \$11.00

Fig. 1635—No. 425, Universal 12 x 3 inch tight and loose pulleys. List Price \$12.00

Fig. 514—No. 350, Direct or Back Geared Countershaft, 12 x 3½ inch tight and loose pulleys. List Price \$15.00

Myers Vertical Power Hydro-Pneumatic Pump.

FIG. 1637 FOR PRESSURE TANK WORK Double Acting and Back Geared 5 to 1.

The special advantage of this style pump over an independent Air Compressor is that it admits just enough air at all times to keep Pressure Tank in proper working condition, whereas—when separate Air Compressor is used—it is often overlooked until Tank becomes water-logged.

The air can be admitted or cut out by tightening or loosening the air cap.

Capacity 360 gallons per hour.

No. 378A—For shallow wells. L. Price \$42.00

No. 379A—For deep wells. List Price \$48.00

MYERS IMPERIAL WORKING HEAD

Fig. 1584—No. 389, Myers Imperial Working Head with machine cut gear and 14 inch pulleys, as shown in Fig. 1584. List Price \$30.00

LIST PRICES SUBJECT TO DISCOUNT

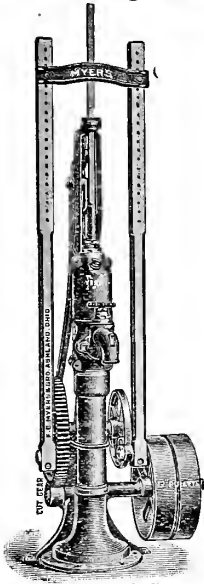


Fig. 1605

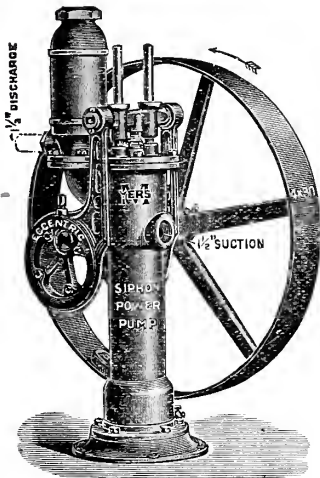


Fig. 1226

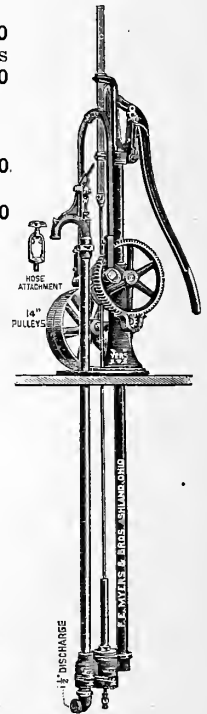
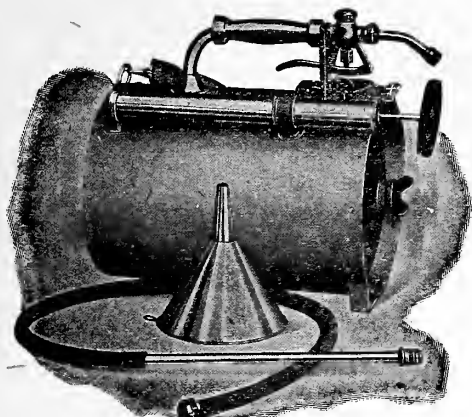


Fig. 1584

SPRAY PUMPS



Lowell Compressed Air Sprayer

LOWELL COMPRESSED AIR SPRAYER

Does not require constant pumping.

Has an automatic thumb lever valve.

Most practical for Orchard, Field and Garden work.

No. 110—Galvanized with hose, brass pipe and nozzle. Price Net, \$5.35

No. 111—Brass, with hose, brass pipe and nozzle. Price Net, \$7.25

3-foot brass extension rod for above, add \$.50 net.



Kant Klog Sprayer

Kant Klog Sprayer

The tank of this sprayer is made of heavy polished brass or galvanized steel as ordered. Top and bottom are seamed very strongly to sides under heavy pressure, making very strong construction. Price with galvanized steel body, brass air pump, hose, escape valve, 'Kant-Klog' Nozzle, spring shut-off and carrier strap. Net \$5.00
Price with polished brass body and same attachments as above. Net \$7.25
3 Foot Brass Extension. Net .50

Brown's Auto Sprayer

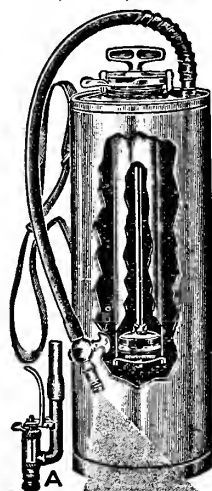
A practical machine for applying Bordeaux and all solutions to Potatoes, Tobacco and Small Fruits, Poultry Houses, etc.

Brass Extension Pipes, Torches and different nozzles furnished as extras if wanted. No. 1A Brass auto spray with stop cock nozzles. Price, Net \$6.75

No. 1B Brass auto spray with auto pop nozzle. Price, Net \$7.20

No. 1C Galvanized auto spray with stop cock nozzle. Price, Net \$4.50

No. 1D Galvanized auto spray with auto pop nozzle. Price, Net \$5.40



PATENTED.
Brown's Auto
Sprayer

Myers Knapsack Spray Pumps

Fig. 547—No. 330, Galvanized Tank. List Price \$10.00

Fig. 547—No. 331, Copper Tank. List Price \$16.00

Myers Whitewash and Spray Outfit

Fig. 1358—No. 329, Myers Whitewash, Cold Water Painting machine and general purpose sprayer complete as illustrated. List Price \$11.00

No. 5 Junior Bucket Spray Pump, all brass suction, cylinder and valves. Price Net \$2.75

Standard Brass Spray Pump. The finest hand pump on the market. Built entirely of brass. Will throw fine spray to the top of the highest fruit tree. Price Net \$3.25

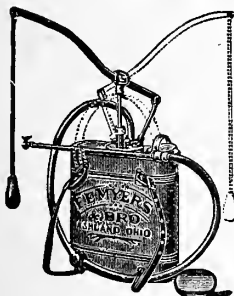


Fig. 547



Fig. 1358

List Prices Subject to Discount Unless Marked Net

SPRAY PUMPS

Myers Bucket Spray Pumps

Fig. 639—No. 327½. Little Giant Brass Spray Pump, with agitator, complete with hose and Imperial combination, fine, coarse spray and solid stream nozzle with adjustable malleable foot rest. List Price \$4.00

Fig. 632—No. 324. Myers Lever Spray Pump, with agitator complete with hose and graduating Vermorel and Solid stream nozzle. List Price \$6.00

MYERS STEEL BARREL CART

Fig. 898. All steel Barrel Cart attached to barrel, has 36 inch steel wheels with 1¼ inch tire. Any Myers Barrel Spraying Pump can be used with it.

Steel Cart Only, ready to attach to barrel. List Price

\$12.00

Barrel Extra. List Price

5.00

MYERS O. K. COG GEAR SPRAY PUMP

Price List Represented by Fig. 1542.

No. R308 Myers O. K. Spray Pump without harrel or hose. List Price \$18.00

No. R308B Outfit with one lead 15 ft. of 7 ply ½ inch discharge hose and one Fembro (Fig. 1290) nozzle. List Price \$22.75

R308C Outfit with two leads of 15 ft. 7 ply ½ inch hose and two Fembro (Fig. 1290) nozzle. List Price \$27.50

Barrel not included.

Price List Represented by Fig. 1570.

No. R299B mounted complete with 50 gallon barrel; has Mechanical Agitator, solid brass Ram Plunger, Ground Bevel Valve and Seat. One lead of 15 ft. ½ inch 7 ply hose and (Fig. 1290) Fembro Nozzle. List Price

\$30.00

No. R299C, same as above, except with two 15 foot leads of ½ inch, 7 ply hose and nozzles.

List Price \$35.00

MYERS COG GEAR BARREL SPRAY PUMP

Fig. 1521—No. R318 Myers Cog Gear Spray Pump only, with both jet and mechanical agitator, but without hose or nozzle. List Price

\$10.50

Fig. 1521—No. R318B complete with one lead of 15 feet of ½ inch 5 ply hose, graduating Vermorel Nozzle, both jet and mechanical agitator. List Price

\$14.00

No. R318B mounted on barrel extra. List Price \$5.00

MYERS HANDY PORTABLE SPRAYER

Fig. 1614—No. R336B with cog gear pump. Mechanical

PAT JET AGITATOR

Fig. 1521

Agitator, 15 feet of ½ inch hose, 8 foot pipe extension in two 4 foot parts and Vermorel Nozzle. Tank is made of heavy galvanized iron, 12½ gallon capacity. A general utility outfit suitable for spraying trees, whitewashing, painting, etc. List Price

\$25.00

LIST PRICE SUBJECT TO DISCOUNT

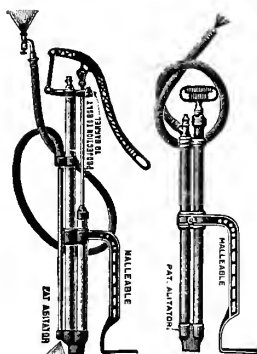


Fig. 632

Fig. 639

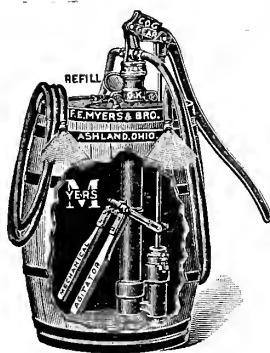


Fig. 1542

Represents No. R308C

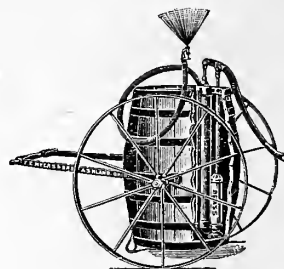


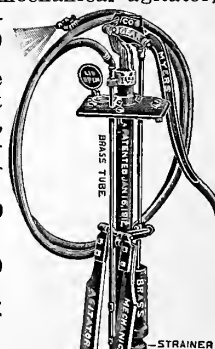
Fig. 898



Fig. 1570



Fig. 1614



SPRAY PUMPS

MYERS COG GEAR SPRAY PUMPS

Double Acting

Price List, Represented by Fig. 1571.



Fig. 1571

No. R317B, Pump complete with 100 gallon tank and mechanical agitator, mounted on skids, with pressure gauge, one 15 foot lead of $\frac{1}{2}$ inch 7 ply discharge hose, one Fembro Fig. 1290 nozzle, one 8 foot pipe extension with lever shut off. List Price \$55.00

No. R317C, Pump complete with 100 gallon tank and mechanical agitator, mounted on skids, with pressure gauge, two 15 foot leads of $\frac{1}{2}$ inch 7 ply discharge hose, two Fembro Fig. 1290 nozzles, two 8 foot pipe extensions with lever shut off. List Price \$60.00

Price List, Represented by Fig. 1518.

No. R316B, Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, one 15 foot lead of $\frac{1}{2}$ inch 7 ply discharge hose, one Fembro Fig. 1290 nozzle, one 8 foot pipe extension with lever shut off and mechanical agitator. List Price \$40.00

No. R316C, Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, two 15 foot leads of $\frac{1}{2}$ inch 7 ply discharge hose, two Fembro Fig. 1290 nozzles, two 8 foot pipe extensions with lever shut off and mechanical agitator. List Price \$45.00

MYERS PERFECT DOUBLE ACTING SPRAY PUMP

Fig. 653.

Has Brass Upper and Brass Lined Lower Cylinders, all Brass Plunger, Brass Check Valve, Brass Valve Seat, 1 inch Suction Pipe, Strainer, fitted with Canvas Packed Plunger and will handle hot or cold mixture.

No. 310, represented by Fig. 653. Perfect Barrel Spray Pump with Strainer, 1 inch suction pipe and mechanical agitator. List Price \$13.10

No. 311B, Perfect Barrel Spray Pump, Complete with suction pipe, strainer, 15 ft. of $\frac{1}{2}$ inch 5 ply discharge hose, graduated Vermorel nozzle, and mechanical agitator. List Price \$17.00



Fig. 653

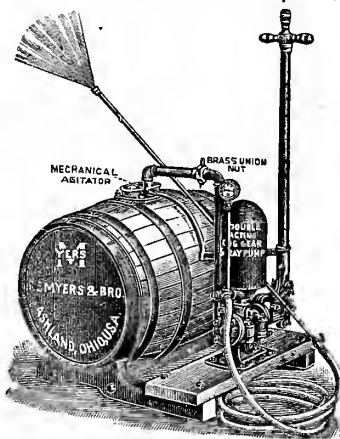


Fig. 1518

No. 312C, Perfect Barrel Spray Pump, complete with suction pipe, strainer, two leads of discharge hose each 15 feet long, two graduated Vermorel nozzles and mechanical agitator. List Price \$21.00

MYERS POTATO SPRAYER

The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer is fitted throughout with brass connections and high pressure rubber hose, the liquid not coming in contact with the iron pipe in any way.

Fig. 1105, 4-row spray attachment complete less pump and barrel. List Price \$12.50

Fig. 1582, Myers 3-row Potato Sprayer, complete less pump and barrel. (Not Illustrated). List Price \$18.00

LIST PRICES SUBJECT TO DISCOUNT

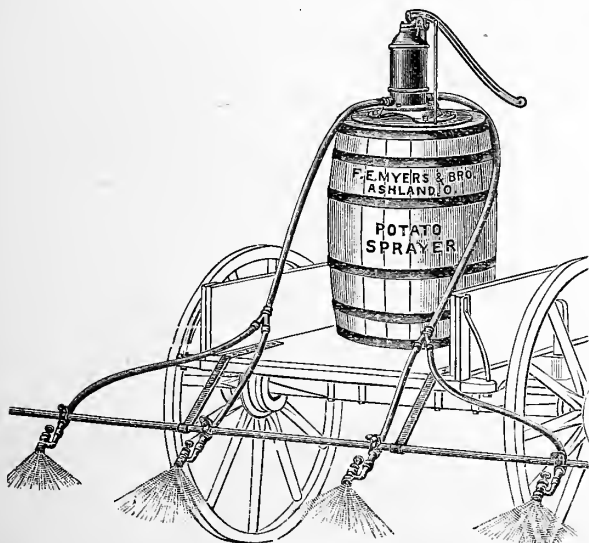


Fig. 1105

MYERS POWER SPRAY OUTFITS

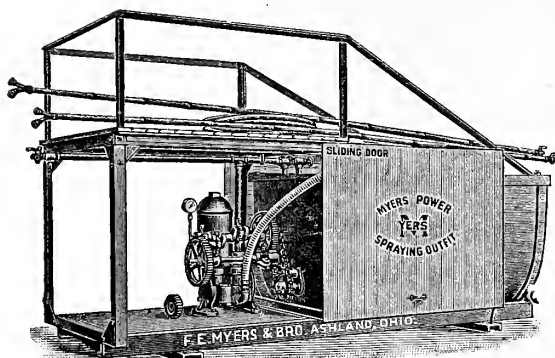


Fig. 1591

Rotary Agitator, Cut-offs for discharge lines, Relief Valve, Pressure Gauge and Strainer. All assembled ready for use, except the engine.

Fig. 1602—Myers Junior Power Spray Outfit, complete less engine as shown, with 100 gallon tank. No. 436—2 inch Duplex Pump with pinion for crankshaft of engine. This outfit has curtains instead of sliding doors. No. 10 List Price \$150.00

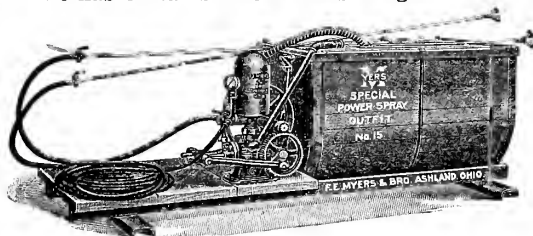


Fig. 1686

MYERS SPECIAL POWER SPRAY OUTFIT

Fitted with 2 inch Horizontal Double Acting Force Pump.

Complete Except Engine. Belt Driven. 100 Gallon Tank

Price List, Represented by Fig. 1686.

No. 15, Myers Special Power Spray Outfit, belt driven, equipped with 50 ft. $\frac{3}{8}$ inch discharge hose with fittings for two leads, two Fembro Nozzles straightaway. Two Fembro Nozzles 45 degrees, two Fig. 1560 Y's, Two 8 ft. iron pipe extension, semi-rotary agitator, pressure gauge, relief valve, double cut-off, strainer and suction hose. List Price \$100.00

Myers Duplex Power Spray Pump.

Vertical Cylinder. Double Acting.

Price List, Represented by Fig. 1489.

No. 445, The Myers $2\frac{1}{2}$ inch Duplex Back Geared Vertical Cylinder Power Spray Pump, with belt pulley & belttightener fitted with relief valve, pressure gauge, double cut off discharge and strainer. List price \$75.00

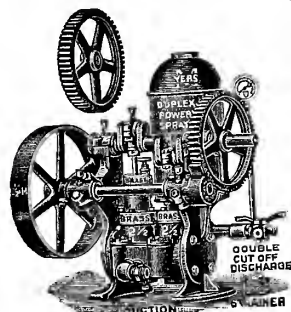


Fig. 1489

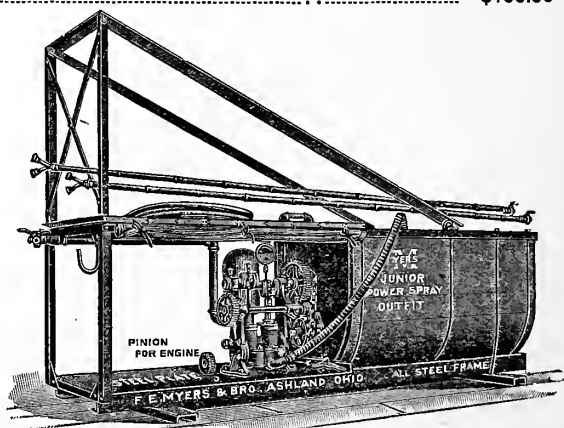


Fig. 1602

Fig. 1591 Myers Senior Power Spray Outfit complete less engine as shown with 200 gallon tank No. 446— $2\frac{1}{2}$ inch Duplex Pump, with pinion for crankshaft of engine No. 1. List Price \$200.00

EQUIPPED AS FOLLOWS:

- 1—50 foot lead of $\frac{3}{8}$ inch best grade high pressure discharge hose.
- 1—10 foot lead of $\frac{3}{8}$ inch best grade high pressure discharge hose.
- 10 feet wire bound suction hose.
- 2—10 feet Bamboo Pipe Extensions complete with lever shut off.
- 4—Fembro Nozzles—(2 45-degrees, 2 straightaway.)
- 2—Fig. 1560 Y's.

Equipped as follows:

- 1 100 gallon cypress tank.
- 6 feet 1 inch suction hose.
- 50 feet $\frac{3}{8}$ inch discharge hose with fittings for 2 leads.
- 4 Fembro Nozzles—(2 straightaway and 2 45 degrees.)
- 2 Fig. 1560 Y's.
- 2 8 foot Bamboo Pipe Extensions.
- Rotary Agitator, Pressure Gauge, Relief Valve, Double Cut Off and Strainer.

LIST PRICES SUBJECT TO DISCOUNT

We carry a very complete line of repairs for all Myers House and Outdoor Pumps.

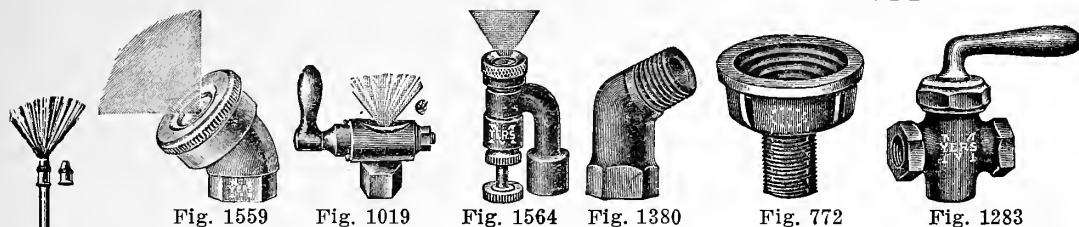


Fig. 1559

Fig. 1019

Fig. 1564

Fig. 1380

Fig. 772

Fig. 1283

Figure 1559. Represents the popular Fembro 45 degree Nozzle, is fitted with a removable steel disk in the cap List Price \$.85

Straight Fembro Nozzle List Price \$.75

Fig. 100. Represents the Non Clog Atomic Nozzle; it has the capacity of four ordinary nozzles. It positively can not clog as it is fitted with a removable wire screen through which all solution passes. Adjustable from a fine wide spray to a solid stream by simply moving the disk in the nozzle.

Price Net, all Brass, \$1.00. Aluminum, \$1.15



Fig. 1317



Fig. 1381



Fig. 642

Fig. 1317 Power Nozzle with Self Cleaner List Price \$1.20

Fig. 1564 Graduating Vermorel Nozzle80

Fig. 1019 Regular Bordeaux Nozzle90

Fig. 642 Imperial Nozzle40

Fig. 101 Gould's Mistry Jr. Nozzle, straight or angle brass Net Price .60

List Price

Fig. 549 Male end 1/2 inch hose—1/4 inch pipe30

Fig. 1091 Female end 1/2 inch hose—1/4 inch pipe30

Fig. 772 Hose Redu. 3/4 inch hose—1/4 inch pipe25

Fig. 1560 Brass Y for two nozzles, 1/4 inch pipe60

Fig. 1380 45 Degree Bend, 1/4 inch pipe thread35

Fig. 1381 45 Degree Double Bend, 1/4 inch pipe60

Fig. 1283 Lever Shut-off Cock, 1/4 inch pipe75



Fig. 549

Myers Pipe Extension

List Price

Fig. 480, 8 foot pipe extension, with couplings \$.50

Fig. 1534, 8 foot pipe extension, with stop cock 1.10

Fig. 1535, 8 foot pipe extension, with lever shut off cock 1.25

Fig. 1536, 8 foot bamboo extension, with lever shut off cock 3.50

Fig. 1536, 10 foot bamboo extension, with lever shut off cock 3.75

Fig. 1536, 12 foot bamboo extension, with lever shut off cock 4.00

Above Prices do not include Nozzles.



Fig. 101



Fig. 1091

Spray Hose

List Price

15 Foot lengths of 1/2 inch 5 ply Hose with couplings 3.60

25 Foot lengths of 1/2 inch 5 ply Hose with couplings 5.60

15 Foot lengths of 1/2 inch 7 ply Hose with couplings 4.35

25 Foot lengths of 1/2 inch 7 ply Hose with couplings 6.85

Prices Subject to Discount Unless Marked Net



Fig. 100



Fig. 1560



Fig. 1536

Fig. 480

THE COLONIAL PAINT



THE COLONIAL PAINT is a Pure Linseed Oil Paint that has been on the market for many years, and is considered one of the leading brands.

The materials composing this product, carefully treated as they are, make a paint of great toughness and elasticity that has excellent covering capacity and durability.

As the choicest coloring ingredients are used in making this product the richest coloring tone and finest finish is developed, and the building to which it is applied presents a beauty of appearance which distinguishes it from others in the locality.

THE COLONIAL PAINT is manufactured in forty different shades from which beautiful color combinations can be made, that will not only harmonize with the architectural design of any building, but also with the surroundings, thereby making the property much more attractive, and also increasing its value.

THE COLONIAL PAINT can be sold with perfect assurance that it will meet the demand of every user.

BRONZITE

The Permanent Green Paint

Made from an ore base, Kolonite, which gives it stability of color.

BRONZITE is recommended for the painting of store fronts, doors, blinds, structural and ornamental work, fences, and in fact all outside surfaces generally where a green paint is desired.

BRONZITE is impervious to chemical action, atmospheric conditions, resists heat and is non-corrosive.

BRONZITE is a specialty green, the green that is different—it lasts, wears and holds its color, and covers more surface than other greens.

BRONZITE is put up in six shades, in paste form in 12½ and 25 pound pails, also in liquid form.

VEL-VE-TA

The Sanitary Washable Wall Finish

VEL-VE-TA is manufactured under a patented formula—contains no lead or other poisonous pigments, and although applied to the surface like an oil paint, when dry it is non-absorbent, can be washed with soap and water, and is therefore sanitary.

It dries with a beautiful soft and velvety finish, which is pleasing and restful to the eye.

It will not turn yellow, crack, craze or peel. It will not show laps, streaks or brush marks.

VEL-VE-TA is recommended for the interior decoration in homes and public buildings, and in factories. It is equally adapted for this use because it effuses light.



COLONIAL WAGON AND IMPLEMENT PAINT

For farm wagons, machinery and implements.

Dries with a high durable gloss.

It is money well spent to protect implements from rust and decay.

COLONIAL FLOOR AND DECK PAINT

"Made to Walk On"

Excels in lustre, toughness and elasticity. Dries hard over night.

Manufactured in fifteen colors—Brown, Dust, Yellow, Gray, Lead, Light Drab, Red, Drab, Spruce, Green, Terra Cotta, Stone, Maple Red, Maroon, Pearl Gray.



Amalgam Paint—A preservative coating for wood, metal and other exterior surfaces.

Automobile, Carriage Paint—For painting and varnishing all kinds of vehicles in one operation.

Colonial Bath Enamel—For use on the tile, metal, wood or other surfaces in the bathroom or about the bath tub.

Colonial Quality Colors in Oil—Manufactured from purest and strongest pigments that can be obtained

Colonial Screen Paint—For coating wire screens. Will not clog.

Chalco Paint and Varnish Remover—For removing paint or varnish.

Dry Colors—High grade in every respect.

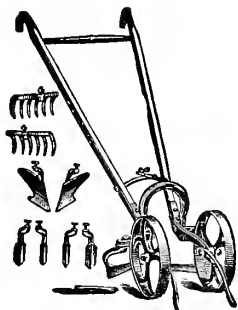
Eagle Varnish Stains—A high grade stain and varnish combined.

Eagle White Enamel—For interior decoration of woodwork, etc.

Whitney & Griffin Barn Red—For painting barns, fences, etc.

White Lead—Short fine and of exceptional whiteness.

GARDEN CULTIVATORS AND SEEDERS

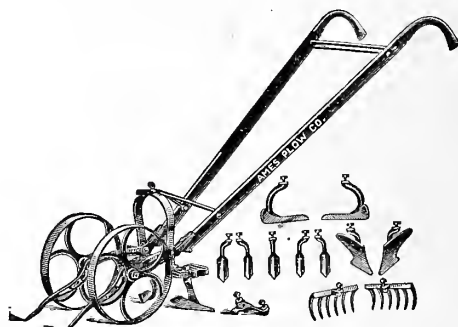
NEW UNIVERSAL DOUBLE WHEEL HOE CULTIVATOR, PLOW AND RAKE
No. 14.

The special design of a Double Wheel Hoe is the working of both sides of the row at one passing, but it may also be used as a between rows cultivator.

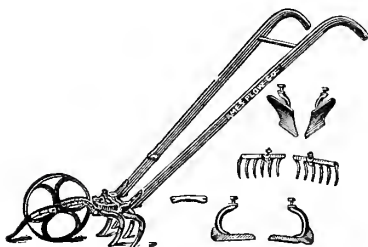
The Adjustable Arch not only forms a means of gauging the depth of the work to be performed, but by an ingenious device enables the teeth to be pitched at any angle desired. Attachments furnished with No. 14 are one pair each of Hoes, Plows, Rakes, Narrow Cultivators, Wide Cultivators, Vine Guards. Net Price \$6.00

NEW UNIVERSAL HIGH ARCH EXPANSION WHEEL HOE, CULTIVATOR, RAKE AND PLOW
No. 26.

The wheels are 12 in. in diameter, and the Arch high enough to cultivate over plants 20 inches or more in height. Our Double Wheel Hoe already meets all requirements but we present here, if possible, a more complete implement of larger size. Attachments with this Hoe as follows: One pair each Long Bladed Hoes, Short Bladed Hoes, Narrow Cultivators, Wide Cultivators, Plows, Rakes, Vine Guards, one only Center Cultivator and one Center Tooth Holder. Net Price \$8.75



A Double or Single Wheel Hoe at Will

NEW UNIVERSAL SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE
No. 11.

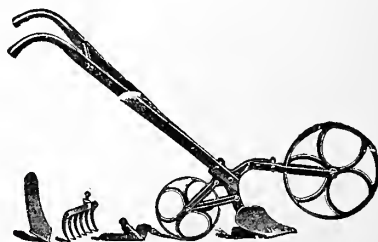
This Single Wheel Hoe can be used in straddle cultivation by setting the wheel on one side and bringing the rows of plants under center of frame. Later cultivation to be done between rows. Attachments are: One pair each Narrow Cultivators, Wide Cultivators, Hoes, Plows, Rakes, one Center Cultivator and one Vine Guard. Net Price \$5.25

NEW UNIVERSAL GARDEN PLOW AND ATTACHMENTS
With Rear Wheel
No. 116.

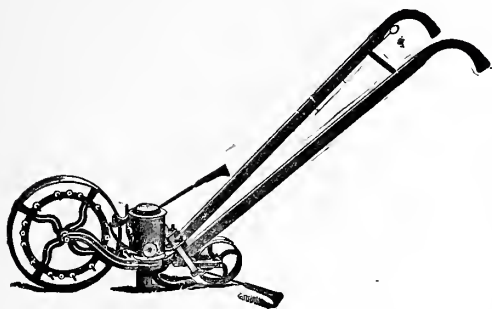
The Front Wheel is adjustable and is 15½ in. in diameter. The Handles are also adjustable. A first-class garden plow and one which will give perfect satisfaction. The attachments are: 1 Landside Plow, 1 Sweep or Scuffle, 1 Rake and 1 Double Tongued Cultivator. Net Price \$3.50

Send for Complete Catalog

Samples and prices on our Purity grain and grass seeds on request.



GARDEN CULTIVATORS AND SEEDERS



**MATTHEWS NEW UNIVERSAL GARDEN
DRILL, NO. 16**

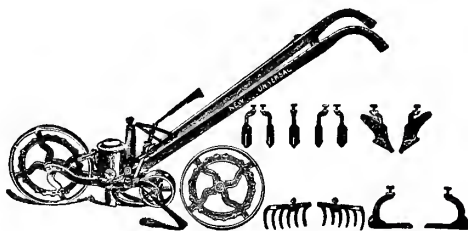
This machine is acknowledged by all seedsmen and gardeners to be one of the leading and most reliable seeders made. Will plant accurately all kinds of garden seeds. Has patent Indicator for regulating the dropping of the seed. This Seeder can be used as a drill or can be converted at will into a Hill Seeder, dropping distances of 4, 6, 8, 12, 16, 24, and 48 inches apart.

Net Price \$8.25

**MATTHEWS NEW UNIVERSAL COMBINATION HILL AND DRILL SEEDER,
CULTIVATOR, PLOW, RAKE AND MARKER**

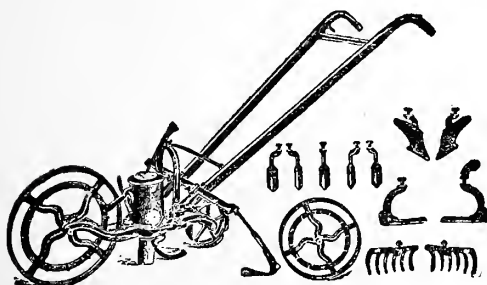
No. 22.

In this Implement we present a combination of the No. 16 Hill and Drill Seeder illustrated above, and No. 26 High Arch Expansion Double Wheel Hoe illustrated on the previous page. This combination gives the user a One Wheel Seeder and a Single or Double Wheel Cultivator. Very easily changed from Seeder to Cultivator by removal of two bolts. We furnish with this the following attachments: 1 pair 8-inch Hoes, 1 pair Narrow Cultivator Teeth, 1 pair Wide Cultivator Teeth, 1 Center Cultivator Tooth, 1 pair Plows, 1 pair Rakes and 1 pair Vine Guards. Net Price \$11.00



**MATTHEWS NEW UNIVERSAL CONSTELLATION
SEEDER, HOE, CULTIVATOR, PLOW, RAKE, MARKER**

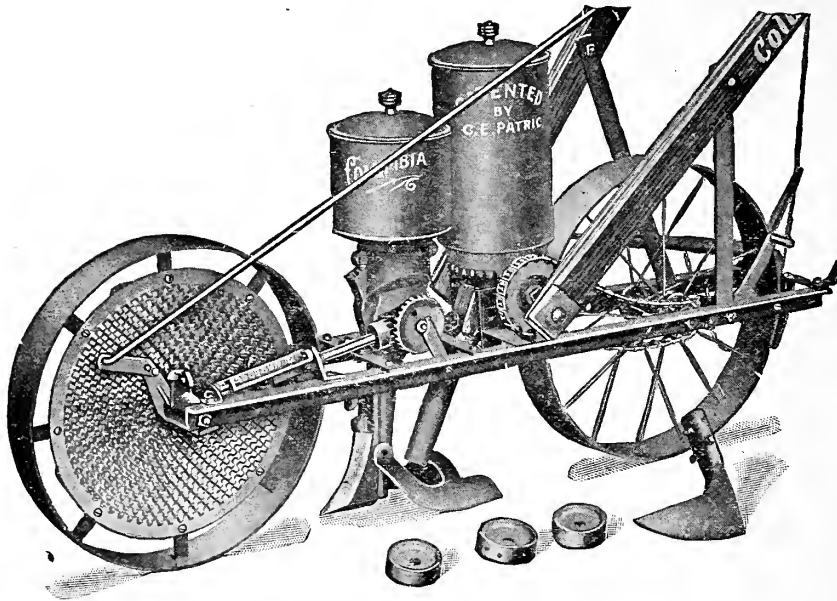
No. 119.



The illustration shows the complete implement with all attachments furnished. In the Constellation is represented a brilliant assemblage of the New Universal Garden Drill and the New Universal Wheel Hoe Cultivator, Rake and Plow, for use either as a one-wheel or two-wheel Seeder, Hoe, Rake, Cultivator, Plow, Marker. Six implements in one. Each implement is entirely separate from the other and the only parts used in each, the wheels and handles, are changed from one frame to the other by only two bolts. Cultivating attachments are shown detached. They consist of 1 Cultivator Frame, 1 pair Hoes, 1 pair Plows, 1 pair Rakes, 1 pair Narrow Cultivator Teeth, 1 pair Wide Cultivator Teeth, 1 Center Cultivator Tooth, 1 pair Markers.

Net Price \$10.25

Our High-grade garden Seeds should be used with the above seeders.



Price
\$10.50
Fertilizer
Attachment extra
\$3.00.
Send for
Illustrated
Catalog.

THE NEW NO. 10 COLUMBIA GARDEN SEEDER

This new Seeder has created a sensation in the garden tool line and proved to be the most successful and accurate planter on the market. With the Columbia you can plant a greater variety of seed and more accurately than any other machine manufactured and also bear in mind that it has positively a force feed. Seed can be drilled or planted in hills at various distances. Comes equipped with eight seed cylinders and can furnish extra ones for any special seed you might have.

Regular equipment will plant all common vegetable seeds from the smallest up to Beans and Peas. Furnished with reliable Fertilizer Attachment at small additional cost.

JOHN DEERE STEEL WALKING CULTIVATORS

5 TOOTH STEEL CULTIVATOR

Because of the steel and malleable construction these Cultivators are very durable and free from breakage. Furnished with Horse Hoes or Long Hillers.

5 Tooth with Lever and Gauge Wheel	\$5.50
5 Tooth with Lever, Gauge Wheel and Horse Hoes	6.50
5 Tooth with Lever, Gauge Wheel and Long Hillers	8.00

7 TOOTH STEEL CULTIVATOR

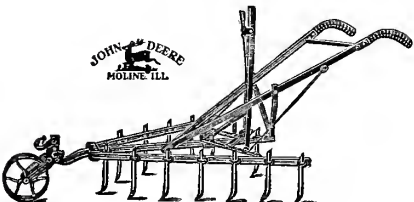
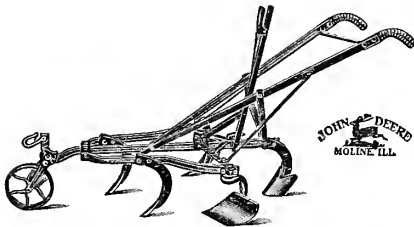
Same high-grade construction as the 5 tooth and having two more teeth.

7 Tooth with Lever and Gauge Wheel	\$6.25
7 Tooth with Lever, Gauge Wheel and Horse Hoes	7.35
7 Tooth with Lever Gauge Wheel and Long Hillers	8.75

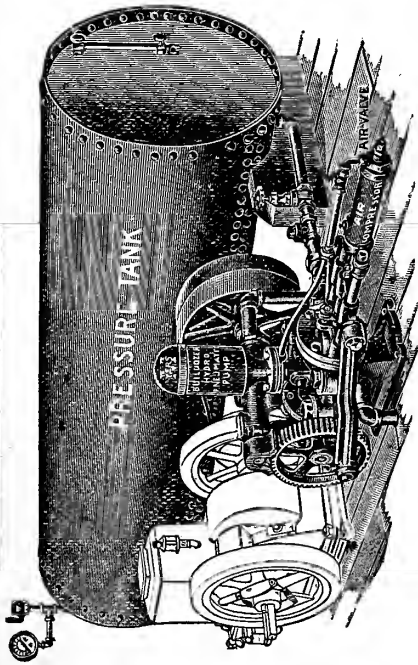
DEERE STEEL 14 TOOTH CULTIVATOR

Especially adapted for use in corn and small plants. Stirs the dirt thoroughly but does not throw dirt on plants. Fitted with steel reversible teeth.

14 Tooth Steel Cultivator with Lever and Gauge Wheel	\$5.00
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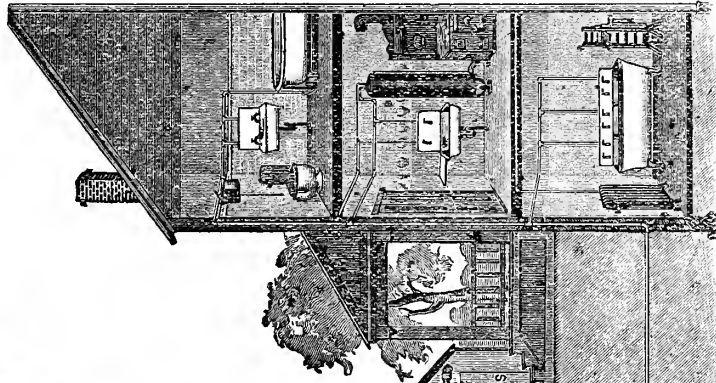
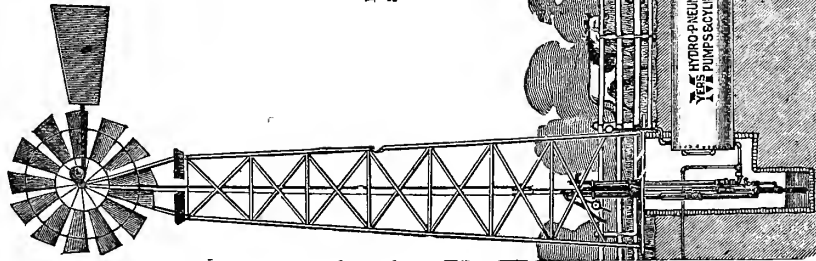
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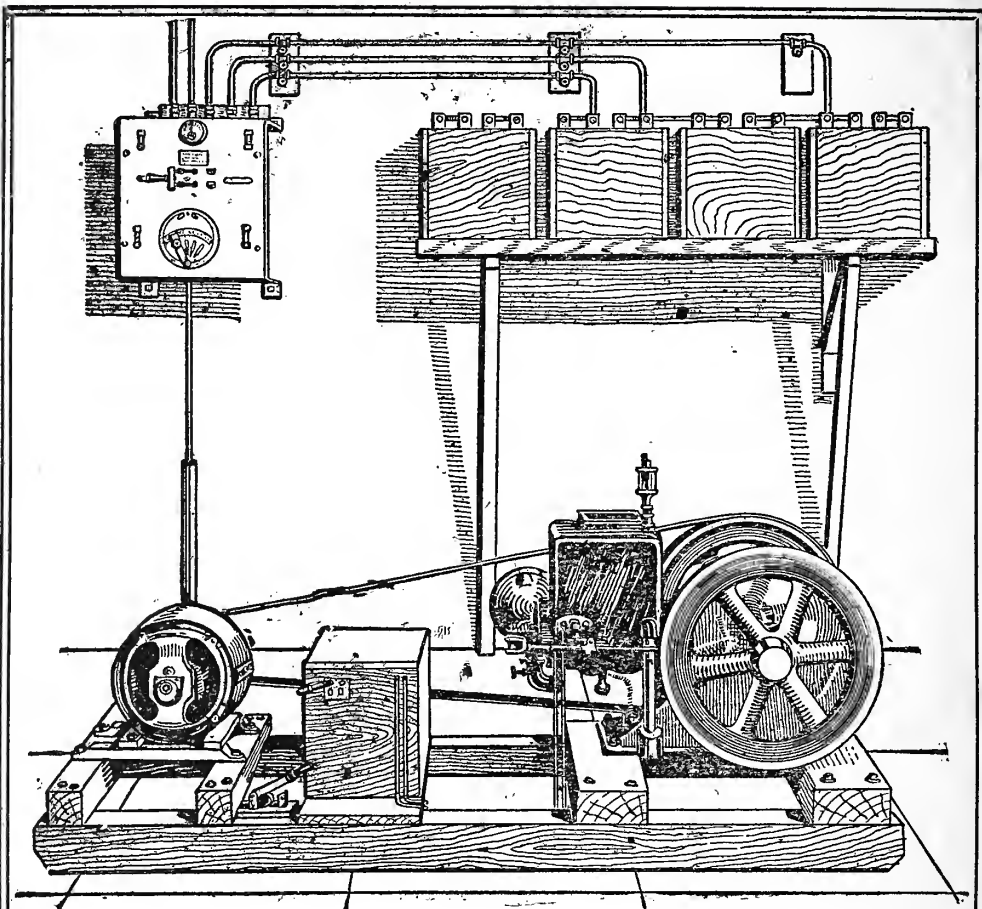
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BEST FITTINGS
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FARM SCENE

Illustrating the manner in which Farm Buildings, Houses and Yards
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